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# FORTY-SEVENTH ANNUAL REPORT

OF THE

CINCINNATI

8-983-2

# CHAMBER OF COMMERCE

AND

MERCHANTS' EXCHANGE,

FOR THE

YEAR ENDING DECEMBER 31, 1895.



CINCINNATI:  
THE OHIO VALLEY COMPANY, PRINTERS,  
Nos. 321 to 323 Race Street.  
1896.



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# CINCINNATI CHAMBER OF COMMERCE.

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## OFFICERS FOR 1895-96.

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### *First Vice-President:*

WM. McCALLISTER.

### *Second Vice-President:*

B. W. WASSON.

### *Directors:*

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TALTON EMBRY,  
NICHOLAS J. HOBAN,  
F. M. HUSCHART,  
T. P. WIGGINS.

#### FOR TWO YEARS.

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FRANK W. FOULDS,  
JOHN H. ALLEN,  
GEORGE F. DIETERLE,  
JOHN S. SHILLITO.

### *Treasurer:*

CASPER H. ROWE.

### *Secretary:*

FRED. GUCKENBERGER.

### *Superintendent:*

CHARLES B. MURRAY.

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## OFFICERS FOR 1894-95.

### *President:*

JAMES M. GLENN.

### *First Vice-President:*

MAURICE J. FREIBERG.

### *Second Vice-President:*

WM. McCALLISTER.

### *Directors:*

#### FOR ONE YEAR.

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ADAM SMYRL,  
S. W. BARD,  
W. W. GRANGER, JR.,  
RUFUS BURCKHARDT.

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### *Treasurer:*

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### *Secretary:*

C. LEE WILLIAMS.

### *Superintendent:*

CHARLES B. MURRAY.

## INSPECTION COMMITTEES FOR 1895-96.

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<i>On Flour</i> .....	B. W. GALE, CHAIRMAN; C. G. PHISTER, M. KNAUL, GEORGE F. MUNSON, JOHN B. HEID.
<i>On Provisions</i> ....	RICHARD RYAN, CHAIRMAN; EDWARD RAWSON, A. SANDER, JAMES K. MORRISON, GEORGE H. HUSCHART.
<i>On Whisky</i> .....	M. DURNER, CHAIRMAN; L. H. GREENE, ABE HOFFHEIMER, SAMUEL BLOCK, GEORGE W. HARRIS.
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<i>On Coal</i> .....	HENRY IMMENHORT, CHAIRMAN; R. P. GILLHAM, E. A. STEWART, P. R. BUDD, DONALD MACDONALD.
<i>On Cloth</i> .....	MAY FECHHEIMER, CHAIRMAN; J. T. CAREW, SAMUEL KNOPF, A. J. FRIEDLANDER, A. B. VOORHEIS.
<i>On Lumber</i> .....	J. W. COTTERAL, JR., CHAIRMAN; C. CRANE, WM. GRIFFITH, S. W. COFLIN, H. P. WIBORG.
<i>On Public Weighing</i> ....	CHARLES S. MAGUIRE, CHAIRMAN; F. F. COLLINS, L. B. DANIEL, ADAM SMYRL, J. W. VAN LEUNEN.

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R. M. BISHOP, JR.,	O. B. FARRELLY,	HAROLD W. ROBINSON,	HENRY WOLTER.
J. MILTON BLAIR,	J. WALTER FREIBERG,	THEO. SCHNEIDER,	

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A. W. COPLAND,	J. T. MCHUGH,	JOSEPH L. ROTH,	

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1895-96.

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CHARLES E. WILSON,	J. L. WORKUM,
PARIS C. BROWN,	JAMES J. HOOKER.

1894-95.

EARL W. STIMSON, CHAIRMAN.	
BRADFORD SHINKLE,	J. L. WORKUM,
HARRY W. BROWN,	JAMES J. HOOKER.

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1895-96.

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<i>Candles</i> .....	RUFUS A. COWING, MICHAEL SCHWARTZ.
<i>Cattle, Hogs and Sheep</i> .....	J. F. EVERSMAN, M. T. HOSHAL.
<i>Cheese</i> .....	CONRAD GIEBEL, S. J. STEVENS, F. JELKE.
<i>Coal and Coke</i> .....	J. W. TUOHY, WM. MARMET, H. C. WHETSTONE, WM. KOPMEIER, W. M. HUBBELL, JR.
<i>Cooperage &amp; Coopers' Stuff</i> .....	J. G. BAUER, W. A. HALL, STEPHEN HAUSER, JR.
<i>Eggs</i> .....	HENRY WOLTER, DAVID S. DREIFUS, A. G. NORMAN, CHARLES HEIDRICH, H. J. FINKE.
<i>Flour</i> .....	T. W. ALLEN, HARRY W. HUGHES, HARRY G. FOULDS, CHAS. E. KNAUL.
<i>Freight, Railroad</i> .....	R. E. LEE CLARY, J. W. WELPLY, J. B. CLANCEY, WILLIAM S. MORRILL.
<i>Freight, River</i> .....	JOHN C. DORMAN, JOHN SHEARER, E. R. MAUCK, R. W. WISE.
<i>Fruits, Dried</i> .....	R. A. HOLDEN, JR., P. R. FORTNEY.
<i>Fruits, Green</i> .....	F. DELSIGNORE, C. H. KLEINFELTER, JOHN LEVERONE, JOHN CURREN.
<i>Grain</i> .....	J. N. WOOLISCROFT, W. W. GRANGER, JOHN E. COLLINS, PETER VAN LEUNEN, HENRY J. GOOD.
<i>Groceries and Sorghum</i> .....	JOHN W. FLACH, M. H. ALEXANDER, JOHN A. KREIS, CHAS. W. HEITMEYER, GEORGE F. EATON.
<i>Hay</i> .....	GEORGE A. ROOT, FRANK HEILE, JR., F. F. COLLINS, AUGUST FERGER, J. H. HERMESCH.
<i>Iron</i> .....	ARCHER BROWN, ADOLPH PLUEMER, GEORGE M. CLARK, MATTHEW ADDY.
<i>Lumber</i> .....	W. A. GOODMAN, JR., WILLIAM SCHUBERTH, JR., T. B. STONE, W. A. BENNETT.
<i>Mill Feed</i> .....	P. M. GALE, WM. KLEIN, H. GROTLISCH.
<i>Oils, Lard</i> .....	RUFUS BURCKHARDT, JOHN HOFFMANN.
<i>Oils, Cottonseed</i> .....	WALTER H. FIELD, JOHN E. STONE, E. S. GRANT.
<i>Oils, Linseed</i> .....	C. P. WAGNER, SAMUEL LOWRY.
<i>Peanuts</i> .....	JACOB WELLER, THOMAS F. BROWN.
<i>Petroleum</i> .....	FREDERICK BURCKHARDT, E. B. STANLEY, HENRY WAGNER.
<i>Potatoes</i> .....	T. C. BAYLESS, I. JAMES CANNON, FRED. KUSHMAN, HERMAN H. BERGHEGGER.
<i>Provisions</i> .....	H. H. MEYER, ROBERT HASKINS, ROBERT MONTGOMERY, JOHN WOESTEN, JOHN L. OSTERHOLT.
<i>Salt</i> .....	DAWSON BLACKMORE, C. M. HOLLOWAY, A. P. KERN, A. E. SMITH.
<i>Seeds</i> .....	J. CHARLES McCULLOUGH, P. R. FORTNEY, ALBERT McCULLOUGH.
<i>Tallow and Grease</i> .....	W. H. WASHINGTON, RUFUS A. COWING, R. H. COST.
<i>Tobacco</i> .....	LEE H. BROOKS, LOUIS KROHN.
<i>Whisky</i> .....	NICHOLAS J. WALSH, SIMON HIRSCH, W. N. HOBART, GEORGE HUBBELL.

## DELEGATES TO THE NATIONAL BOARD OF TRADE.

1895-96.		1894-95.	
JOHN A. GANO,	SAM. BAILEY, JR.,	JOHN A. GANO,	F. A. LAIDLEY,
J. F. ELLISON,	SAMUEL W. TROST,	FRANKLIN ALTER,	WM. L. HUNT,
J. MILTON BLAIR,	MICHAEL RYAN,	JAMES D. PARKER,	C. M. HOLLOWAY,
F. A. LAIDLEY,	BELLAMY STORER,	JOHN W. HARPER,	C. G. KINGSBURY,
E. P. WILSON,	CHARLES B. MURRAY.	E. P. WILSON,	CHARLES B. MURRAY.

1895-96.	INSPECTORS.	1894-95.
HOMER CHISMAN.	<i>*Grain and Hay:</i>	HOMER CHISMAN.
MONROE IZOR.	<i>Flour:</i>	MONROE IZOR.
JAMES O'NEILL.	<i>Provisions:</i>	JAMES O'NEILL.

1895-96.		†PUBLIC WEIGHERS.	1894-95.	
D. C. LAFFERTY,	L. L. LATTA,	D. C. LAFFERTY,	L. L. LATTA,	
G. H. HENNEKES,	W. C. LODGE,	G. H. HENNEKES,	W. C. LODGE,	
R. E. SECRIST,	W. W. ALEXANDER,	R. E. SECRIST,	W. W. ALEXANDER,	
JAS. M. ARNOLD,	J. D. LINDSAY,	JAS. M. ARNOLD,	J. D. LINDSAY,	
HARRY H. MADDUX,	A. BENDER,	HARRY H. MADDUX,	A. BENDER,	
WM. McCALLISTER,	JOHN S. FURLONG,	WM. McCALLISTER,	JOHN S. FURLONG,	
THOMAS GREEN,	GEORGE H. CAMPBELL,	THOMAS GREEN,	GEORGE H. CAMPBELL.	
HENRY WEBER.			HENRY WEBER.	

## INSPECTORS, GAUGERS AND MEASURERS.

1895-96.		1894-95.
	<i>Oils, Liquors, and Liquids Generally:</i>	
JAMES MCKAIN.		JAMES MCKAIN.

1895-96.		COAL GAUGERS.		1894-95.	
WINFIELD S. CARR,	ISAAC W. GRUBBS,	A. J. COOK,		ISAAC W. GRUBBS,	
HARRY RIGDON,	D. B. SHUTTERLY,	WINFIELD S. CARR,		D. B. SHUTTERLY,	
E. A. BURNSIDE.		HARRY RIGDON,		E. A. BURNSIDE.	

\* Including Mill Feed.

† By action of the Board of Directors, of February 3, 1891, weighers of the Chamber of Commerce are not permitted to weigh commodities in which they are interested as buyers or sellers.

## PORK PACKERS' AND PROVISION DEALERS' ASSOCIATION OF CINCINNATI.

### OFFICERS FOR 1895-96.

*President:*

H. H. MEYER.

*Vice-Presidents:*

MATHEW RYAN,

FREDERICK SCHROTH,

WM. H. DAVIS.

*Treasurer:*

B. FRANK DAVIS.

*Secretary:*

CHARLES B. MURRAY.

## CINCINNATI FREIGHT BUREAU.

### OFFICERS AND COMMITTEES FOR 1895-96.

*President:*

THOMAS MORRISON.

*Treasurer:*

ALBERT B. VOORHEIS.

*Vice-President:*

ALVIN CARL.

*Secretary:*

WILLIAM McCALLISTER.

### EXECUTIVE COMMITTEE.

EARL W. STIMSON,

WM. McCALLISTER,

JAMES J. HOOKER,

J. L. WORKUM,

W. T. PERKINS,

J. M. MACDONALD,

PARIS C. BROWN,

CHARLES E. WILSON,

ALBERT B. VOORHEIS,

J. P. GALE,

ALVIN CARL,

B. F. HAUGHTON,

CHARLES S. MAGUIRE,

B. W. CAMPBELL,

THOMAS MORRISON,

ROBERT LAIDLAW,

E. C. GOSHORN,

W. J. BREED.

*Commissioner:*

E. P. WILSON.

### COMMITTEES.

*Assessments:*

THOMAS MORRISON,

WM. McCALLISTER,

B. W. CAMPBELL,

*Car Service:*

J. P. GALE,

ALVIN CARL.

J. M. MACDONALD,

CHARLES S. MAGUIRE,

J. L. WORKUM.

*Southern Rates:*

EARL W. STIMSON,

B. F. HAUGHTON,

PARIS C. BROWN,

ROBERT LAIDLAW,

CHARLES E. WILSON.

WM. McCALLISTER,

E. C. GOSHORN,

JAMES J. HOOKER.

*Membership:*

W. J. BREED,

ALVIN CARL,

W. T. PERKINS,

B. W. CAMPBELL,

J. L. WORKUM.

### DELEGATES TO OHIO STATE BOARD OF COMMERCE—1895-96.

PERIN LANGDON,  
LEVI C. GOODALE,

THOMAS W. ALLEN,  
JULIUS DEXTER,

WM. McCALLISTER,  
ADAM SMYRL,

B. W. CAMPBELL,  
JOHN M. KENNEDY.

## OFFICERS OF THE CHAMBER OF COMMERCE

FROM ITS ORGANIZATION.

**Officers from October, 1839, to January, 1840.***President*—Griffin Taylor.*Vice-Presidents*—R. G. Mitchell, Peter Neff, S. B. Findley, John Reeves, Thos. J. Adams, Jacob Strader.*Treasurer*—B. W. Hewson.*Secretary*—Henry Rockey.**Officers for 1840.***President*—Griffin Taylor.*Vice-Presidents*—R. G. Mitchell, John Reeves, Peter Neff, Thomas J. Adams, S. B. Findley, Samuel Trevor.*Treasurer*—B. W. Hewson.*Secretary*—Henry Rockey.**Officers for 1841.***President*—Lewis Whiteman.*Vice-Presidents*—Thomas J. Adams, S. B. Findley, Peter Neff, Samuel Trevor, R. G. Mitchell, S. O. Butler.*Treasurer*—B. W. Hewson.*Secretary*—Henry Rockey.**Officers for 1842.***President*—Roland G. Mitchell.*Vice-Presidents*—S. O. Butler, James Pullan, L. Worthington, Thomas J. Adams, Samuel Trevor, John Reeves.*Treasurer*—B. W. Hewson.*Secretary*—Henry Rockey.**Officers for 1843.***President*—Thomas J. Adams.*Vice-Presidents*—A. M. Taylor, R. W. Lee, Samuel Foadick, James Pullan, R. B. Bowler, Nathan Sampson.*Treasurer*—S. C. Parkhurst.*Secretary*—Henry Rockey.**Officers for 1844.***President*—Thomas J. Adams.*Vice-Presidents*—M. R. Taylor, R. W. Lee, Calvin Fletcher, W. B. Alford, Jas. C. Hall, Nathan Sampson.*Treasurer*—S. C. Parkhurst.*Secretary*—Henry Rockey.**Officers for 1845.***President*—James C. Hall.*Vice-Presidents*—Benjamin Urner, Geo. H. Bates, George H. Hartwell, J. P. Tweed, R. W. Lee, Lewis Einstein.*Treasurer*—William Manser.*Secretary*—Henry Rockey.**Officers for 1846-47.***President*—James C. Hall.*Vice-Presidents*—R. W. Lee, Benjamin Urner, N. W. Thomas, Charles Hartshorne, L. Worthington, L. B. Harrison.*Treasurer*—George Milne.*Secretary*—William D. Gallagher.*Superintendent*—A. Peabody.**Officers for 1847-48.***President*—James C. Hall.*Vice-Presidents*—N. W. Thomas, Charles Hartshorne, Benjamin Urner, Lewis Whiteman, Joseph Torrence, S. C. Parkhurst.*Treasurer*—George Milne.*Secretary*—Channing Richards.*Superintendent*—A. Peabody.**Officers for 1848-49.***President*—N. W. Thomas.*Vice-Presidents*—Joseph Torrence, Henry Emerson, R. M. W. Taylor, Robert Brown, Charles Hartshorne, D. M. Foster.*Treasurer*—George Milne.*Secretary*—Channing Richards.*Superintendent*—A. Peabody.**Officers for 1849-50.***President*—N. W. Thomas.*Vice-Presidents*—D. M. Foster, Henry Emerson, W. B. Cassilly, Joseph Torrence, S. P. Hall, George Keck.*Treasurer*—George Milne.*Secretary*—Richard Smith.*Superintendent*—Richard Smith.**Officers for 1850-51.***President*—N. W. Thomas.*Vice-Presidents*—Henry Emerson, William Hooper, Briggs Swift, W. B. Cassilly, M. B. Ross, Jos. Torrence.*Treasurer*—George Milne.*Secretary*—Richard Smith.*Superintendent*—Richard Smith.**Officers for 1851-52.***President*—N. W. Thomas.*Vice-Presidents*—Henry Emerson, W. W. Scarborough, John Swasey, George Keck, William Hooper, C. W. West.*Treasurer*—George Milne.*Secretary*—Richard Smith.*Superintendent*—Richard Smith.**Officers for 1852-53.***President*—N. W. Thomas.*Vice-Presidents*—George Keck, R. W. Keys, S. P. Hibberd, Edmund Dexter, C. W. West, Henry Emerson.*Treasurer*—George Milne.*Secretary*—Richard Smith.*Superintendent*—Richard Smith.**Officers for 1853-54.***President*—N. W. Thomas.*Vice-Presidents*—Edmund Dexter, L. B. Harrison, C. W. West, S. Davis, Jr., Robert Andrews, S. P. Hibberd.*Treasurer*—George Milne.*Secretary*—Richard Smith.*Superintendent*—Richard Smith.



**Officers for 1854-55.**

*President*—R. M. W. Taylor.  
*Vice-Presidents*—George Shillito, Briggs Swift, R. W. Keys, Charles Davis, Robert Hosea, A. D. E. Tweed.  
*Treasurer*—George Milne.  
*Secretary*—Richard Smith.  
*Superintendent*—William Smith.

**Officers for 1855-56.**

*President*—James F. Torrence.  
*Vice-Presidents*—Charles Davis, James McKeehan, John Swasey, Robert Hosea, A. D. E. Tweed, Lowell Fletcher.  
*Treasurer*—Robert Brown.  
*Secretary*—Richard Smith.  
*Superintendent*—William Smith.

**Officers for 1856-57.**

*President*—Joseph Torrence.  
*Vice-Presidents*—P. Andrew, J. D. Lehmer, A. D. E. Tweed, S. Davis, Jr., Isaac A. Ogborn, William Glenn.  
*Treasurer*—Robert Brown.  
*Secretary*—Richard Smith.  
*Superintendent*—William Smith.

**Officers for 1857-58.**

*President*—Joseph Torrence.  
*Vice-Presidents*—William Glenn, Seth Evans, George F. Davis, P. Andrew, James A. Frazer, Isaac A. Ogborn.  
*Treasurer*—Robert Brown.  
*Secretary*—Richard Smith.  
*Superintendent*—William Smith.

**Officers for 1858-59.**

*President*—Joseph Torrence.  
*Vice-Presidents*—George F. Davis, Seth Evans, P. Andrew, Isaac A. Ogborn, W. C. Neff, William Shaffer.  
*Treasurer*—Robert Brown.  
*Secretary*—Richard Smith.  
*Superintendent*—William Smith.

**Officers for 1859-60.**

*President*—Joseph Torrence.  
*Vice-Presidents*—John A. Dugan, Benjamin Eggleston, Morris Orum, Isaac A. Ogborn, Thomas H. Foulds, Sam. J. Hale.  
*Treasurer*—Robert Brown.  
*Secretary*—Richard Smith.  
*Superintendent*—William Smith.

**Officers for 1860-61.**

*President*—J. W. Sibley.  
*Vice-Presidents*—John Dubois, R. A. Jones, Thos. Ong, Morris Orum, John A. Dugan, Sam. J. Hale.  
*Treasurer*—Robert Brown.  
*Secretary*—John A. Gano.  
*Superintendent*—William Smith.

**Officers for 1861-62.**

*President*—Joseph C. Butler.  
*Vice-Presidents*—B. P. Baker, Isaac A. Ogborn, N. Goldsmith, J. D. Minor, Lewis Fagin, S. W. Smith.  
*Treasurer*—George Keck.  
*Secretary*—John A. Gano.  
*Superintendent*—William Smith.

**Officers for 1862-63.**

*President*—George F. Davis.  
*Vice-Presidents*—William Henry Davis, N. Goldsmith, Isaac A. Ogborn, A. E. Armstrong, Thomas H. Foulds, James M. Glenn.  
*Treasurer*—George Keck.  
*Secretary*—John A. Gano.  
*Superintendent*—William Smith.

**Officers for 1863-64.**

*President*—George F. Davis.  
*Vice-Presidents*—Isaac A. Ogborn, E. P. Coe, N. Goldsmith, Thomas H. Foulds, W. D. Chipman, James M. Glenn.  
*Treasurer*—George Keck.  
*Secretary*—John A. Gano.  
*Superintendent*—William Smith.

**Officers for 1864-65.**

*President*—George F. Davis.  
*Vice-Presidents*—Isaac A. Ogborn, S. W. Smith, Thos. H. Foulds, Seth Evans, S. C. Newton, Wm. H. Woods.  
*Treasurer*—George Keck.  
*Secretary*—John A. Gano.  
*Superintendent*—William Smith.

**Officers for 1865-66.**

*President*—Theodore Cook.  
*Vice-Presidents*—S. C. Newton, William H. Gilpin, C. Taylor Jones, Andrew Erkenbrecher, Sam. J. Hale, Thomas H. Foulds.  
*Treasurer*—William Shaffer.  
*Secretary*—John A. Gano.  
*Superintendent*—William Smith.

**Officers for 1866-67.**

*President*—S. C. Newton.  
*Vice-Presidents*—E. W. Cunningham, M. W. Stone, Oliver Perin, Wm. H. Davis, Wm. H. Gilpin, S. J. Hale.  
*Treasurer*—William Shaffer.  
*Secretary*—John A. Gano.  
*Superintendent*—William Smith.

**Officers for 1867-68.**

*President*—John A. Gano.  
*Vice-Presidents*—Oliver Perin, M. W. Stone, John D. Minor, H. Morris Johnston, William Henry Davis, Florence Marmet.  
*Treasurer*—William Shaffer.  
*Secretary*—George McLaughlin.  
*Superintendent*—William Smith.

**Officers for 1868-69.**

*President*—John A. Gano.  
*Vice-Presidents*—William Henry Davis, H. Morris Johnston, Florence Marmet, J. H. French, S. F. Covington, Abner L. Frazer.  
*Treasurer*—William Shaffer.  
*Secretary*—George McLaughlin.  
*Superintendent*—William Smith.

**Officers for 1869-70.**

*President*—John A. Gano.  
*Vice-Presidents*—S. F. Covington, Abner L. Frazer, W. J. Lippincott, B. W. Wasson, H. Wilson Brown, William Henry Davis.  
*Treasurer*—Jason Evans.  
*Secretary*—J. M. W. Neff.  
*Superintendent*—William Smith.

**Officers for 1870-71.**

*President*—Charles W. Rowland.  
*Vice-Presidents*—John Morrison, H. Wilson Brown,  
 S. F. Covington, L. T. Barr, B. W. Wasson, John  
 S. Sloan.

*Treasurer*—Jason Evans.  
*Secretary*—D. L. Garrison.  
*Superintendent*—William Smith.

**Officers for 1871-72.**

*President*—Charles W. Rowland.  
*Vice-Presidents*—James M. Glenn, John Kyle, John  
 Morrison, L. J. Workum, J. R. Reed, Howard Eckert.  
*Treasurer*—William Shaffer.  
*Secretary*—N. S. Jones.  
*Superintendent*—Sidney D. Maxwell.

**Officers for 1872-73.**

*President*—S. F. Covington.  
*Vice-Presidents*—M. W. Stone, J. C. Crane, Seth  
 Evans, W. D. Chipman, J. M. Wallingford, Samuel  
 V. Reid.  
*Treasurer*—William Shaffer.  
*Secretary*—William T. Tibbitts.  
*Superintendent*—Sidney D. Maxwell.

**Officers for 1873-74.**

*President*—S. F. Covington.  
*Vice-Presidents*—C. M. Holloway George F. Ire-  
 land, Samuel V. Reid, Alfred C. Thomas, George  
 B. Weidler, John H. Porter.  
*Treasurer*—William Shaffer.  
*Secretary*—William T. Tibbitts.  
*Superintendent*—Sidney D. Maxwell.

**Officers for 1874-75.**

*President*—C. M. Holloway.  
*Vice-Presidents*—Edmund Dexter, George B. Weid-  
 ler, James S. Wise, Alfred C. Thomas, Peter A.  
 White, L. C. Weir.  
*Treasurer*—Warren Rawson.  
*Secretary*—Charles B. Murray.  
*Superintendent*—Sidney D. Maxwell.

**Officers for 1875-76.**

*President*—C. M. Holloway.  
*Vice-Presidents*—Edmund Dexter, William Harvey,  
 Thomas G. Smith, George F. Ireland, Peter A.  
 White, Henry J. Page.  
*Treasurer*—Briggs Swift.  
*Secretary*—Brent Arnold.  
*Superintendent*—Sidney D. Maxwell.

**Officers for 1876-77.**

*President*—Benjamin Eggleston.  
*Vice-Presidents*—William J. Armel, James Gordon,  
 Joseph R. Megrue, John W. Hartwell, Henry J. Page,  
 William H. Gilpin.  
*Treasurer*—Briggs Swift.  
*Secretary*—Brent Arnold.  
*Superintendent*—Sidney D. Maxwell.

**Officers for 1877-78.**

*President*—John W. Hartwell.  
*Vice-Presidents*—George I. King, Frederick A. Laid-  
 ley, Joseph R. Megrue, Thomas Morrison, James D.  
 Parker, Lewis L. Sadler.

**Officers for 1877-78—Cont'd.**

*Treasurer*—Florence Marmet.  
*Secretary*—Enoch Taylor.  
*Superintendent*—Sidney D. Maxwell.

**Officers for 1878-79.**

*President*—William N. Hobart.  
*Vice-Presidents*—Briggs S. Cunningham, James S.  
 Wise, William Means, Thomas Morrison, Charles N.  
 Fox, John W. Christy.  
*Treasurer*—Florence Marmet.  
*Secretary*—John H. Long.  
*Superintendent*—Sidney D. Maxwell.

**Officers for 1879-80.**

*President*—H. Wilson Brown.  
*Vice-Presidents*—Briggs S. Cunningham, Herman  
 Goepper, William H. Gilpin, Mathew Ryan, Wm.  
 A. Procter, William W. Taylor.  
*Treasurer*—James Espy.  
*Secretary*—John H. Long.  
*Superintendent*—Sidney D. Maxwell.

**Officers for 1880-81.**

*President*—Henry C. Urner.  
*Vice-Presidents*—John H. Long, Herman Goepper,  
 William Harvey, Paul F. Mohr, Samuel McKeehan,  
 William W. Taylor.  
*Treasurer*—John Kyle.  
*Secretary*—James H. Foote.  
*Superintendent*—Sidney D. Maxwell.

**Officers for 1881-82.**

*President*—Henry C. Urner.  
*Vice-Presidents*—William Harvey, Samuel Mc-  
 Keehan, Lewis O. Maddux, Daniel Stone, Thomas  
 L. Macdonald, Morgan H. Fagin.  
*Treasurer*—John Kyle.  
*Secretary*—John H. Long.  
*Superintendent*—Sidney D. Maxwell.

**Officers for 1882-83.**

*President*—James D. Parker.  
*Vice-Presidents*—W. W. Peabody, Michael Ryan,  
 Frank Kinsey, Richard H. Cost, Nicholas Curtis,  
 J. N. Woollscroft.  
*Treasurer*—John A. Townley.  
*Secretary*—Charles B. Murray.  
*Superintendent*—Sidney D. Maxwell.

**Officers for 1883-84.**

*President*—W. W. Peabody.  
*First Vice-President*—Lewis L. Sadler.  
*Second Vice-President*—Adolph Wood.  
*Directors—For One Year*—Frank Kinsey, Richard H.  
 Cost, Chas. Fleischmann, B. Frank Davis, F. X. Reno.  
*For Two Years*—Stephen F. Dana, Sam'l Bailey, Jr.,  
 Henry J. Page, William V. Ebersole, Chas. H. Jacob.  
*Treasurer*—John A. Townley.  
*Secretary*—Charles B. Murray.  
*Superintendent*—Sidney D. Maxwell.  
*Board of Real Estate Managers*—W. W. Peabody,  
 President; Henry C. Urner (four years), John Car-  
 hile (three years), A. Hickenlooper (two years),  
 Seth C. Foster (one year).

**Officers for 1884-85.***President*—W. W. Peabody.*First Vice-President*—Adolph Wood.*Second Vice-President*—Adam Gray.*Directors*—*For One Year*—Stephen F. Dana, Samuel Bailey, Jr., Henry J. Page, William V. Ebersole, Charles H. Jacob.*For Two Years*—C. C. Waite, Lewis W. Shaffer, Grove J. Penney, Henry DeBus, Henry M. Warren.*Treasurer*—Herman Goepfer.*Secretary*—Charles B. Murray.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—W. W. Peabody, President; John Kyle (four years), Henry C. Urner (three years), John Carlisle (two years), A. Hickenlooper (one year).**Officers for 1885-86.***President*—Edwin Stevens.*First Vice-President*—Adam Gray.*Second Vice-President*—Levi C. Goodale.*Directors*—*For One Year*—C. C. Waite, Lewis W. Shaffer, Grove J. Penney, Henry DeBus, Henry M. Warren.*For Two Years*—L. H. Brooks, John A. Kreis, Wm. E. Hutton, Ralph Peters, Sol. P. Kineon.*Treasurer*—Chas. H. Flach.*Secretary*—Charles B. Murray.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Edwin Stevens, President; James M. Glenn (four years), John Kyle (three years), Henry C. Urner (two years), John Carlisle (one year).**Officers for 1886-87.***President*—A. Hickenlooper.*First Vice-President*—Levi C. Goodale.*Second Vice-President*—C. C. Waite.*Directors*—*For One Year*—L. H. Brooks, John A. Kreis, William E. Hutton, Ralph Peters, Sol. P. Kineon.*For Two Years*—John M. Kirtley, Augustus H. Honshell, William L. Hunt, Frank Evans, Joseph Rawson, Jr.*Treasurer*—Richard Ryan.*Secretary*—Ambrose White.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—A. Hickenlooper, President; John Carlisle (four years), James M. Glenn (three years), John Kyle (two years), Henry C. Urner (one year).**Officers for 1887-88.***President*—Levi C. Goodale.*First Vice-President*—C. C. Waite.*Second Vice-President*—Lowe Emerson.*Directors*—*For One Year*—John M. Kirtley, Augustus H. Honshell, William L. Hunt, Frank Evans, Joseph Rawson, Jr.*For Two Years*—Joseph R. Brown, G. V. Stevenson, Sam. W. Weldler, Paris C. Brown, Charles R. Brent.*Treasurer*—Albert Erkenbrecher.*Secretary*—William E. Hutton.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Levi C. Goodale, President; Henry C. Urner (four years), John Carlisle (three years), James M. Glenn (two years), John Kyle (one year).**Officers for 1888-89.***President*—Thomas Morrison.*First Vice-President*—Lowe Emerson.*Second Vice-President*—Richard Dymond.*Directors*—*For One Year*—Joseph R. Brown, G. V. Stevenson, Sam. W. Weldler, Paris C. Brown, Charles R. Brent.*For Two Years*—J. Walter Freiberg, A. H. McLeod, William McCallister, John F. Hasen, John N. Wooliscroft.*Treasurer*—William L. Hunt.*Secretary*—Paul M. Millikin.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Thomas Morrison, President; \*John Kyle (four years), Henry C. Urner (three years), John Carlisle (two years), James M. Glenn (one year).**Officers for 1889-90.***President*—Lee H. Brooks.*First Vice-President*—Richard Dymond.*Second Vice-President*—Joseph R. Brown.*Directors*—*For One Year*—J. Walter Freiberg, A. H. McLeod, William McCallister, John F. Hazen, John N. Wooliscroft.*For Two Years*—Samuel J. Hale, George F. Munson, William Montgomery, Robert Laidlaw, Edward Senior.*Treasurer*—Gazzam Gano.*Secretary*—H. B. Morehead.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Lee H. Brooks, President; Samuel Bailey, Jr. (four years), C. M. Holloway (three years), Henry C. Urner (two years), John Carlisle (one year).**Officers for 1890-91.***President*—Lowe Emerson.*First Vice-President*—Joseph R. Brown.*Second Vice-President*—Ralph Peters.*Directors*—*For One Year*—Samuel J. Hale, George F. Munson, William Montgomery, Robert Laidlaw, Edward Senior.*For Two Years*—Frank A. Rothier, Benj. F. Haughton, John M. Kennedy, Harry L. Laws, Dawson Blackmore.*Treasurer*—Samuel W. Ramp.*Secretary*—N. R. Adriance.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Lowe Emerson, President; John Grubb (four years), Samuel Bailey, Jr. (three years), C. M. Holloway (two years), Henry C. Urner (one year).**Officers for 1891-92.***President*—Joseph R. Brown.*First Vice-President*—Ralph Peters.*Second Vice-President*—Michael Ryan.*Directors*—*For One Year*—Frank A. Rothier, Benj. F. Haughton, John M. Kennedy, Harry L. Laws, Dawson Blackmore.*For Two Years*—Thomas W. Allen, J. Milton Blair, Robert W. Wise, Frank A. Brown, B. W. Wasson.*Treasurer*—George H. Bohrer.*Secretary*—James T. McHugh.*Superintendent*—Charles B. Murray.

\* Died March 20, 1889. C. M. Holloway elected to fill vacancy April 23, 1889.

**Officers for 1892-93.***President*—Brent Arnold.*First Vice-President*—Michael Ryan.*Second Vice-President*—William E. Hutton.*Directors—For One Year*—Thomas W. Allen, J. Milton Blair, Robert W. Wise, Frank A. Brown, B. W. Wasson.*For Two Years*—Casper H. Rowe, Albert Lackman, Peter Van Leunen, James B. Wallace, Albert B. Voorheis.*Treasurer*—Clifford B. Wright.*Secretary*—Maurice J. Freiberg.*Superintendent*—Charles B. Murray.**Officers for 1893-94.***President*—Michael Ryan.*First Vice-President*—William E. Hutton.*Second Vice-President*—Maurice J. Freiberg.*Directors—For One Year*—Casper H. Rowe, Albert Lackman, Peter Van Leunen, James B. Wallace, Albert B. Voorheis.*For Two Years*—Paris C. Brown, Adam Smyrl, S. W. Bard, W. W. Granger, Jr., Rufus Burckhardt.*Treasurer*—George Guckenberger.*Secretary*—A. H. Pape.*Superintendent*—Charles B. Murray.**Officers for 1894-95.***President*—James M. Glenn.*First Vice-President*—Maurice J. Freiberg.*Second Vice-President*—Wm. McCallister.*Directors—For One Year*—Paris C. Brown, Adam Smyrl, S. W. Bard, W. W. Granger, Jr., R. Burckhardt.*For Two Years*—J. Parker Gale, Talton Embry, Nicholas J. Hoban, F. M. Huschart, T. P. Wiggins.*Treasurer*—Albert Lackman.*Secretary*—C. Lee Williams.*Superintendent*—Charles B. Murray.**Officers for 1895-96.***President*—Maurice J. Freiberg.*First Vice-President*—Wm. McCallister.*Second Vice-President*—B. W. Wasson.*Directors—For One Year*—J. Parker Gale, Talton Embry, Nicholas J. Hoban, F. M. Huschart, T. P. Wiggins.*For Two Years*—H. Lee Early, Frank W. Foulds, John H. Allen, George F. Dieterle, John S. Shillito.*Treasurer*—Casper H. Rowe.*Secretary*—Fred. Guckenberger.*Superintendent*—Charles B. Murray.

# CHARTER.

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## AN ACT

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*To Incorporate the Cincinnati Chamber of Commerce and Merchants' Exchange.*

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SECTION 1. *Be it Enacted by the General Assembly of the State of Ohio, That* Nicholas W. Thomas, Dunning M. Foster, Henry Emerson, William B. Cassilly, Joseph Torrence, S. P. Hall, George Beck, George Milne and Richard Smith, and their associates, be and they are hereby created a body corporate and politic, with perpetual succession, by the name and style of the Cincinnati Chamber of Commerce and Merchants' Exchange; and by that name shall be competent to contract and be contracted with, to sue and be sued, to plead and be impleaded, answer and be answered unto, defend and be defended, in all courts and places, and in all matters whatever, with full powers to acquire, hold, possess, use, occupy, and enjoy, by gift, grant, devise, or otherwise, and the same to sell, convey, and dispose of, all such real estate and other property as may be necessary and convenient for the support and transaction of business of said Chamber of Commerce, or which may be conveyed to the same for the security or in payment of any debts which may become due and owing to said Chamber of Commerce, or in satisfaction of any judgment at law, or any decree of a court of equity in its favor, and may make, have, and use a common seal, and the same break, alter, and renew at pleasure, provided that the property, funds, and revenues of said Chamber of Commerce shall not be used for any other than the purposes of a Chamber of Commerce.

SEC. 2. That the real and personal estate, property, funds, revenues, and other concerns of said Chamber of Commerce, and the administration of its affairs, shall be under the exclusive direction of the active members of said Chamber of Commerce, who shall, on the second Tuesday of September, annually, at such time of the day and at such place in the City of Cincinnati as the officers for the time being shall appoint, which officers shall be members of said Chamber of Commerce, choose a Board of Officers consisting of a President, six Vice-Presidents, Treasurer and Secretary, who shall hold their offices for one year

and until their successors shall be chosen. The members of said Chamber of Commerce shall fill all vacancies in the Board of Officers during the year, and also shall have power to make by-laws and regulations for the government of said Chamber of Commerce, annex reasonable pecuniary fines as a penalty for the breach thereof, and do all such other acts as appertain to the Chamber of Commerce. The Board of Officers shall appoint a Superintendent and such other agents as they shall deem fit and expedient, provided no by-laws, rules, or regulations shall in any wise be contrary to the Constitution and laws of the State or of the United States.

SEC. 3. This act shall be taken and received in all courts, and by all judges, magistrates, and other public officers, as a public act, and all printed copies of the same, which shall be printed by or under the authority of the General Assembly, shall be admitted as good evidence thereof, without any other proof whatever.

BENJAMIN F. LEITER,  
*Speaker of the House of Representatives.*

CHARLES C. CONVERSE,  
*Speaker of the Senate.*

MARCH 23, 1850.

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SECRETARY OF STATE'S OFFICE,  
COLUMBUS, O., October 11, 1853.

I, William Trevitt, Secretary of State of the State of Ohio, do hereby certify that the foregoing and annexed act is correctly copied from the original rolls remaining on file in this office.

In testimony whereof, I have hereunto subscribed my name and affixed the great seal of the State of Ohio, at Columbus, this eleventh day of October, A. D. 1853.

WILLIAM TREVITT,  
*Secretary of State.*

## ADDITIONAL CHARTER PRIVILEGES.

On the third day of April, 1866, the Legislature of the State of Ohio enacted a law, entitled "An Act to Authorize the Incorporation of Boards of Trade and Chambers of Commerce," the eleventh section of which reads as follows:

"Any board of trade or chamber of commerce, heretofore organized in this State, may avail itself of the privileges and powers, in whole or in part, conferred by this act, by making a certificate of its adoption thereof, under its seal, and attested by the signature of the president and secretary; which said certificate shall be filed in the office of the Secretary of State, and recorded in the county where such board or chamber may exist, and, when so recorded, shall confer all the privileges and powers so defined."

In accordance with the foregoing section, the Cincinnati Chamber of Commerce and Merchants' Exchange, on the 21st day of May, 1866, adopted the sixth (6), seventh (7), eighth (8) and ninth (9) sections of the said act, which thus became a part of the corporate powers of the Association. These sections of the law were as follows:

SECTION 6. It shall be lawful for such corporation, when they shall think proper, to receive and require of and from their officers, whether elected or appointed, good and sufficient bonds for the faithful discharge of their duties and trusts; and the president, vice-president, or secretary, are hereby authorized to administer such oaths of office as may be prescribed in the by-laws of such corporation; such bond or bonds shall be made payable and conditioned as prescribed by the by-laws of such corporation; and may be sued, and the moneys collected and held for the use of the party injured, or such other use as may be determined upon by said corporation.

SEC. 7. The annual meeting of such boards of trade or chambers of commerce for the election of officers and other purposes, shall be held at such time in each year as the association shall by their by-laws prescribe. But if, for any cause, a failure to hold such annual meeting shall occur, then the annual meeting and election of officers may be held at such time and place as may be appointed by the majority of the board of directors, upon thirty days' notice by the president or secretary being published in any newspaper of general circulation in the town or city in which such corporation may be located. Meetings of the directors and business meetings of such association shall be held in accordance with the by-laws of such association.

SEC. 8. The board of directors shall control, manage and conduct the financial and business concerns of the association. They shall annually, one month after their election, or at any other meeting of their body thereafter, appoint such inspectors, gaugers, weighers, measurers, and other officers and employees as the by-laws may require, or as they may deem expedient and necessary, for the term of one year, subject to removal at the discretion of the board.

SEC. 9. Every inspector, gauger, weigher or measurer appointed by any association organized under this act, shall be recognized as a legally appointed officer, for the duties pertaining to his position, in the city and county wherein such association may be located, and shall be subject to all the provisions and penalties of the laws of this State. The certificate of such appointee, as to his official acts, shall be evidence and binding upon the persons interested.

ACCEPTANCE OF THE PROVISIONS OF THE REVISED STATUTES.

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On the twelfth day of March, 1883, the Association accepted any and all the provisions of the Revised Statutes of the State of Ohio, so far as the same relate to boards of trade and chambers of commerce, by which it practically abandoned its old Charter and became a corporation under the present Constitution of the State of Ohio, and the laws made in pursuance thereof, and on the thirteenth day of March, 1883, adopted the By-laws which appear in this volume, and which thereby became a substitute for the Constitution that had been in force from 1873.

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SECTION OF THE REVISED STATUTES, AUTHORIZING THE ACCEPTANCE OF THE PROVISIONS OF THE SAME BY CORPORATIONS EXISTING PRIOR TO THE PRESENT CONSTITUTION OF OHIO.

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SEC. 3233. A corporation created before the adoption of the present constitution, and now actually doing business, may accept any of the provisions of this title, and when a certified copy of such acceptance is filed with the Secretary of State, so much of its charter as is inconsistent with the provisions of this title is hereby repealed.

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CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE,  
CINCINNATI, March 12, 1883.

At a regular session of the Cincinnati Chamber of Commerce and Merchants' Exchange, held this day, the following resolution was offered, and on motion unanimously adopted :

*Resolved*, By the Cincinnati Chamber of Commerce and Merchants' Exchange, that it does hereby accept any and all provisions relating to corporations, of the Revised Statutes of Ohio, so far as the same relate to boards of trade or chambers of commerce, and that a certified copy of this acceptance be filed with the Secretary of State of the State of Ohio, duly certified by the officers of this Chamber.

[SEAL.]

J. D. PARKER, *President*.

CHARLES B. MURRAY, *Secretary*.



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UNITED STATES OF AMERICA, OHIO,  
OFFICE OF THE SECRETARY OF STATE.

I, James W. Newman, Secretary of State of the State of Ohio, do hereby certify that the foregoing is a true copy of the Articles of Acceptance of the provisions of the Revised Statutes of Ohio, relating to corporations, so far as the same relate to boards of trade or chambers of commerce, by "The Cincinnati Chamber of Commerce and Merchants' Exchange," filed in this office, on the 19th day of March, 1883, and recorded in volume —, pages —, of the Records of Incorporation.

In testimony whereof, I have hereunto subscribed my name and affixed my seal of office, at Columbus, the 10th day of April, A. D. 1883.

[SEAL.]

JAMES W. NEWMAN,  
*Secretary of State.*

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COPY OF SECTIONS OF THE REVISED STATUTES PERTAINING TO BOARDS OF  
TRADE, CHAMBERS OF COMMERCE, ETC.

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SEC. 3827. The officers of an incorporated board of trade, chamber of commerce or merchants' exchange, shall consist of a president, two vice-presidents, treasurer, secretary, and not less than ten directors, all of whom shall be members of the association, and be engaged in business at, or residents of, the city or town where it is established; they shall be elected by ballot at the annual meeting of the association, and shall hold their offices for one year, unless said association shall by its by-laws provide a longer term for all or any of said officers, and until their successors are elected and qualified; the officers thus selected, together with said directors, shall constitute the board of directors of such association; and all other officers, agents or committees deemed necessary for the interests of the association, shall be elected or appointed in such manner and with such powers as may be provided by the by-laws of the association. And in like manner said association may have the power to provide for the trial, suspension, fine or expulsion of any of its members by the board of directors constituted as hereinbefore provided. And said association may make provision for the relief and support of the families and dependents of deceased members.

SEC. 3828. Such corporations may constitute and appoint committees of reference and arbitration, and committees of appeals, who shall be governed by such rules and regulations as may be prescribed in rules or by-laws for the settlement of such matters of reference as may be voluntarily submitted for arbitration by members of the association, or by other persons not members thereof.

SEC. 3829. Such corporations may receive and require of and from their officers, whether elected or appointed, good and sufficient bonds for the faithful discharge of their duties and trusts, which bonds shall be conditioned and made payable as prescribed by the by-laws of the corporations, and may be sued (on), and the money collected and held for the use of the party injured, or such other use as may be determined upon by the corporation; and the president, a vice-president, or the secretary of any such corporation, may administer such oaths of office as may be prescribed in its by-laws.

SEC. 3830. Every inspector, gauger, weigher or measurer appointed by any such association shall be recognized as a legally appointed officer, for the duties pertaining to his position, in the city and county wherein the association is located, and shall be subject to all the provisions and penalties of the laws relating to such officers; and the certificate of such appointee, as to his official acts, shall be evidence and binding upon the persons interested.

\*SEC. 3830a. Every inspector, gauger, weigher or measurer appointed by any board of trade or chamber of commerce heretofore or hereafter organized in this State, may appoint one or more deputies, to be approved by the board of directors or board of officers of such board of trade or chamber of commerce, and the said inspector, gauger, weigher or measurer may take from his deputy a bond, with sureties, conditioned for the faithful performance of the duties of the appointment, but in all cases said inspector, gauger, weigher, or measurer shall be responsible for his deputy's neglect of duty or misconduct in office.

SEC. 3831. Any board of trade or chamber of commerce heretofore organized in this State may avail itself of the privileges and powers, in whole or in part, conferred by the three preceding sections, by making a certificate of its adoption thereof, under its seal, and attested by the signatures of its president and secretary, which shall be filed in the office of the Secretary of State, and, when so filed, shall confer all the privileges and powers so defined.

SEC. 3832. Any such incorporated association may purchase or lease suitable grounds, and erect thereon such buildings as the board of directors deem proper for the interest of the association; and such association may lease any portion of such building that is not occupied by or needed for its immediate use. . .

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\* Supplemental section, passed April 6, 1888.

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BY-LAWS.

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ADOPTED MARCH 18, 1888.

AMENDED MAY 20, 1891.

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## P R E A M B L E.

The members of the Cincinnati Chamber of Commerce and Merchants' Exchange, an Association organized and incorporated to collect information in relation to commercial, financial, and industrial affairs, that may be of general interest and value; to secure uniformity in commercial laws and customs; to facilitate business intercourse; to promote equitable principles, as well as the adjustment of differences and disputes, in trade, adopt the following By-laws:

## ARTICLE I.

## M E M B E R S H I P.

SECTION 1. This Association shall comprise active and honorary members.

SEC. 2. Any person of good character, and of lawful age, on the proposal of one member, seconded by another, and on presentation of a written application stating the nature of his business, and such other information as the Board of Directors may require, after ten days' notice of such application has been conspicuously posted upon the bulletin board of the Exchange, may be admitted to active membership, if elected by the Board of Directors, on presentation of a certificate of unimpaired or unforfeited membership duly transferred to him, and on signing an agreement to abide by the By-laws, Rules and Regulations of the Association, and all amendments that may be made thereto. In the event of an application for membership being rejected by the Board of Directors, a subsequent application for the same party shall not be entertained during a period of six months from the date of the first application of the said party.\*

SEC. 3. The Board of Directors may, by unanimous vote, admit to honorary membership any person who, from eminence, shall seem entitled to such consideration; and such honorary membership shall confer all the rights and privileges of active members during life, unless withdrawn for cause. But not more than one person shall be so admitted in any one year.

Honorary mem-  
bers.

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\* As amended August 19, 1886, by the addition of the last sentence in this section.

## ARTICLE II.

## GOVERNMENT.

Government of  
the Association;  
how vested.

Board of Directors;  
terms of office.

Exception for  
Board of Directors  
elected in 1883.

Beginning of official  
terms.

Members eligible  
to hold office,  
etc.

SECTION 1. The government of the Cincinnati Chamber of Commerce and Merchants' Exchange is hereby vested in a Board of Directors, consisting of the President, two Vice-Presidents, the Treasurer, the Secretary and ten Directors, who shall be elected by ballot as hereinafter provided. The term of office of the President, Treasurer, and Secretary shall be for one year, or until their successors are elected and qualified. The term of office of the Vice-Presidents and the Directors shall be for two years, or until their successors are elected and qualified. *Provided*, that at the annual election in the year 1883, there shall be elected the President, one Vice-President, the Treasurer, the Secretary, and five Directors to serve for one year, and one Vice-President and five Directors to serve for two years; and that thereafter there shall be annually elected such officers as may be necessary to fill the vacancies caused by the expiration of the respective official terms.

SEC. 2. The official terms of all members of the Board of Directors shall begin on the Monday succeeding their election.

SEC. 3. No member shall be eligible to election as a member of the Board of Directors who has not been a member of the Association for at least one year preceding his election. Nor shall any person be eligible to election to any office, or to appointment upon any committee, who is not directly and actively engaged in mercantile, manufacturing, transportation, banking, insurance or kindred pursuits.

## ARTICLE III.

## ELECTIONS.

Annual election.

Polls, when open.

Voting; who can  
vote, and how.

Tellers.

SECTION 1. The annual election to supply the places of the officers and Directors whose terms of office are about to expire, shall be held at the annual meeting. The polls shall be opened at 12 o'clock M., and closed at 3 o'clock P. M. All members in good and regular standing shall be entitled to vote. All voting shall be by ballot, and proxies shall not be allowed. A plurality of votes cast shall constitute a choice.

SEC. 2. The President shall, prior to any election of the Association, appoint from the members five tellers, who shall have charge of the ballot-boxes and poll lists. It shall be the duty of the tellers to receive the ballots of all members entitled to vote, to make a list

of all members voting, to canvass the votes immediately after each election, and to make a return of the result thereof to the President or Secretary. Three of the tellers shall constitute a quorum for receiving and recording the votes. The Secretary shall preserve all ballots for at least two months after an election, for further examination, if the same shall be ordered by the Board of Directors, to verify the returns made by the tellers.

Ballots, preserved for two months.

\*SEC. 3. Upon the second Tuesday in August in every year, the Association shall elect, by ballot, a nominating committee of fifteen members, who shall nominate candidates for all of the offices to be filled at the annual election on the second Tuesday in September following. The nominations so made shall be publicly announced on 'Change, and posted on the bulletin board, at least twelve days before the day of election. No person shall be eligible for any of the offices to be filled whose name shall not have been publicly announced on 'Change, and posted on the bulletin board, at least two days before the day of election.

Nominating committee.

Nominations to be announced and posted.

## ARTICLE IV.

### DUTIES OF OFFICERS.

SECTION 1. The PRESIDENT shall preside at all meetings of the Association and the Board of Directors, and shall act as the executive officer of the Association. He shall at the annual meetings of the Association, and at such other times as he may deem proper, communicate to the Association such matters as may, in his opinion, tend to promote the prosperity and welfare, and increase the usefulness, of the Association, and shall perform such other duties as are prescribed by these By-laws, or are necessarily incident to his office.

President.

SEC. 2. The VICE-PRESIDENT serving upon the last year of his official term shall be the First Vice-President, and the Vice-President serving upon the first year of his official term shall be the Second Vice-President. In case of the absence or disability of the President, the Vice-Presidents, in the above order, shall perform the duties of the President; and in case of the absence or disability of the President and both Vice-Presidents, the Board of Directors shall appoint one of their number to temporarily perform the duties of the President.

Vice-Presidents.

SEC. 3. The TREASURER shall receive all moneys due to the Association, and, under the direction of the Board of Directors, shall deposit, invest, and disburse the same. He shall not pay out any of

Treasurer.

\* As amended August 10, 1894.

the funds of the Association, except upon an order signed by the Secretary and countersigned by the President. He shall keep regular accounts of the financial concerns of the Association, and render a statement thereof at each regular meeting of the Board of Directors. He shall also exhibit an abstract of the same at each quarterly meeting of the Association, and make a detailed report thereof at each annual meeting.

The Treasurer shall give a bond, with two sufficient sureties, approved by the Board of Directors, in the penal sum of \$50,000, for the faithful performance of the duties imposed on him by virtue of his office.

Secretary.

SEC. 4. The SECRETARY shall conduct the official correspondence of the Association, preserve official communications, keep an accurate record of the transactions of the Association and of the Board of Directors, and perform such other duties as are incident to his office.

## ARTICLE V.

### DUTIES AND POWERS OF THE BOARD OF DIRECTORS.

Business and financial concerns: how managed.

SECTION 1. The business and financial concerns of the Association shall be managed and conducted by, or under the direction of, the Board of Directors.

Board to enact rules,

SEC. 2. The Board of Directors, in addition to the duties specifically enjoined by these By-laws, shall enact such rules as may be deemed expedient for the government of the Exchange, for the regulation of the various departments of trade, and for the guidance and control of the committees herein provided for; it shall provide suitable Exchange rooms, and other necessary rooms and offices for the use of the Association; shall judge of the qualifications of persons applying for membership; and shall generally do such other proper and needful things as in its judgment will tend to promote the usefulness of the Association, and carry out the purposes of its organization.

Provide Exchange rooms,

And judge of the qualifications of persons applying for membership.

Meetings of Directors.

SEC. 3. The Board of Directors shall hold its regular meetings on the first Tuesday of each month. The President may, and, upon the written request of five members of the Board, shall, call special meetings of the Board. At all meetings of the Board of Directors, eight members present shall constitute a quorum.

Quorum.

When absence from meetings creates vacancy.

SEC. 4. If any member of the Board of Directors shall be absent from more than two consecutive regular meetings of the Board, without having been previously excused, or without sending a communication to the President, giving sufficient reasons for his absence,

his seat in the Board may, by vote of the Board, be declared vacant.

SEC. 5. In case of any vacancy from death, resignation, or other cause, in the Board of Directors, the Board of Directors shall communicate the same to the Association, and fix a day for an election by the Association to fill such vacancy for the remainder of the official term.

Vacancies: how filled.

SEC. 6. The Board of Directors shall report at each quarterly meeting of the Association whatever may be deemed of general interest in its proceedings during the preceding quarter, and at the annual meeting shall report full details of the condition and finances of the Association.

Reports of Board of Directors.

SEC. 7. The Board of Directors may require of all appointees a good and sufficient bond to secure the faithful and honest performance of the duties assigned to such appointees.

Bonds of appointees.

SEC. 8. The Board of Directors shall have power to examine and try charges of misconduct in business matters, preferred against a member of the Association, when made to the President in writing by a member of the Association; and if the person against whom such charges are made shall be found guilty of a violation of these By-laws or the rules for the regulation of the Exchange, of a breach of contract, of false or fictitious reports of sales or purchases, of willfully interfering with the collection of the reports of the movement of commodities, of a failure to comply with any award of the Committees of Arbitration or Appeals, or of any act contrary to the spirit that should govern all commercial transactions, the Board, by a majority vote of the whole Board, may cause him to be publicly reprimanded on 'Change, may suspend him from membership indefinitely or for a definite time (said time not to be less than six months), or may expel him from membership in the Association.

Charges of misconduct.

Penalties.

SEC. 9. It shall be the duty of the Board of Directors, in case any grave offense committed by any member against the good name or dignity of the Association shall come to its knowledge, either by public rumor, report or otherwise, to cause a preliminary or informal investigation to be made by a committee of its number, into the truth or falsity of such rumor or report; and if the said committee, after investigation, shall deem any member guilty of such offense as rumored or reported, they shall so report to the Board of Directors, with charges; whereupon the member thus implicated shall be notified to appear before the Board of Directors in manner as provided by Section 3, Article XII, and, if found guilty, the said member shall be reprimanded, suspended or expelled, as hereinbefore provided.

Public rumors or reports of grave offenses by members.

Investigation by committee.

Punishment, if sustained.

Refusal to appear  
as a witness.

Or to answer  
questions.

Punishment for  
such contempt.

Announcement  
and notification  
of suspensions and  
expulsions.

Suspended or ex-  
pelled mem-  
bers: how re-  
admitted.

SEC. 10. In any investigation or trial before the Board of Directors, or before any other duly constituted committee or other tribunal of the Association, if any member, who shall have had notice from the Secretary or Superintendent, in writing, to appear and testify in the case, or if any member who shall have been cited by the chairman of any duly constituted committee or other tribunal of the Association to appear and testify, shall neglect or refuse to so appear and testify, or, if testifying, shall refuse to answer any question which may, by a majority vote of the said Board of Directors, committee or other tribunal, be declared proper and pertinent to the case in hearing, he shall be subject to suspension by the said Board, from all privileges of the Association, for such period as said Board may determine; which may be done by said Board in case of contempt of a witness before said Board of Directors, or on the report in writing of any such committee or other tribunal, in case the contempt shall occur before such committee or other tribunal of the Association.

SEC. 11. Upon the suspension or expulsion of a member, notice thereof shall be conveyed to him by the Secretary, and the Superintendent shall announce the same on 'Change.

SEC. 12. A suspended member may be reinstated by a majority vote of the whole Board of Directors. An expelled member shall be ineligible to re-election, unless by vote of the Association his disability shall have been removed.

## ARTICLE VI.

### COMMITTEES OF ARBITRATION AND APPEALS.

Committee of Ar-  
bitration: how  
appointed.

SEC. 1. The Board of Directors shall annually, at its regular meeting in the month of October, appoint a Committee of Arbitration, to consist of fifteen members, who shall not be members of the Board of Directors, to hear and decide such mercantile disputes as may be submitted to it, any five of whom shall form a quorum to hear and determine cases submitted to the committee.

Committee of  
Appeals: how  
appointed.

SEC. 2. The Board of Directors shall annually, at its regular meeting in the month of October, appoint a Committee of Appeals, to consist of fifteen members, who shall not be members of the Board of Directors, any five of whom shall form a quorum, to hear and determine appeals that may be made from the awards and findings of the Committee of Arbitration.

Oath of members  
of committees.

SEC. 3. Before entering upon the trial of any case, the members of the Committees of Arbitration and Appeals, taking part therein, shall be required to take, or subscribe to, the following oath or affirm-



ation (the oath or affirmation to be administered by a Judge or Justice of the Peace of the County of Hamilton, State of Ohio), or other officer authorized, or to be authorized, to administer oaths in such cases: "I do solemnly swear (or affirm), that I will hear and examine all matters of controversy between (naming the parties to the controversy) in the case now submitted for trial; and that I will make a just and equitable award or finding upon the same, according to the evidence, to the best of my understanding. So help me God."

SEC. 4. The Superintendent, either in person or by deputy, shall act as clerk of the Committees of Arbitration and Appeals.

Superintendent to act as clerk.

SEC. 5. All oral evidence in all cases submitted to the Committee of Arbitration shall be taken and recorded by a competent phonographer, who shall be sworn to faithfully record the same.

Phonographic reports to be made.

SEC. 6. The award or finding of a majority of either of the committees present, and trying the case, shall be valid and binding.

Awards binding.

SEC. 7. Any award or finding of the Committee of Arbitration may be appealed from, and the case carried to the Committee of Appeals for revision; *Provided*, that notice of such appeal shall be given to the Superintendent in writing within three business days after such award or finding shall have been delivered to the parties in controversy.

Appeal to Committee of Appeals: how made.

SEC. 8. The Committees of Arbitration and Appeals shall each render their awards or findings in writing, which shall be signed by the members of the committee determining the same, and certified copies thereof shall be furnished by the Superintendent, or his deputy, to the parties in controversy in each case. The official records and decisions of the committees may be inspected by any member of the Association upon application to the Superintendent.

Awards to be in writing.

Records and decisions open to inspection by members.

SEC. 9. Members desiring the services of either of the committees, shall notify the Superintendent to that effect in writing, and before submitting the case, the parties to such submission shall enter into, and exchange, arbitration bonds,\* which shall be conditioned for the faithful performance of the award, and set forth the names of the arbitrators, and the matters submitted to their determination; and that the submission shall be made a rule of any court of record within the State of Ohio, or a rule of any particular court of record named in the submission. The arbitration bonds shall specify a time and place for the hearing, allowing the arbitrators the right to adjourn from time to time, until a conclusion is reached; and a time shall be named in the bonds, within which the award shall be made. But neither of the parties shall cause to be entered such submission

How to obtain the services of the committees.

Arbitration bonds: how conditioned, and how drawn

Submission made a rule of court.

In cases appealed, award not to be entered as a rule of court until after final finding.

\* NOTE.—In order to comply with the statute, the arbitration bonds must contain the names of all the members of the committee before which the case is to be tried, with the agreement that the case may be tried by the whole committee, or any number (not less than five) of its members.

and award as a rule of a court in any case that may be appealed to the Committee of Appeals, until after the award or finding of said Committee of Appeals is made.

New testimony not allowed in trials before Committee of Appeals.

SEC. 10. When any award or finding of the Committee of Arbitration shall be appealed from, the official record of the trial, including all the oral and documentary evidence, with the decision of the Committee of Arbitration, and the dissenting opinion (if any) of the minority of the Committee, shall be handed to the Committee of Appeals, and argument heard thereon by the said Committee, but no new witnesses shall be examined, nor any new testimony of any kind be introduced before the Committee of Appeals.

Powers of Committee of Appeals.

SEC. 11. The Committee of Appeals may confirm, modify, or reverse, the awards or findings of the Committee of Arbitration, and its awards or findings shall be final and binding, and shall not be set aside or revised by any other tribunal of the Association.

Fees.

SEC. 12. The fees of each committee in any case, including phonographic and other costs, shall not be less than ten dollars, nor more than one hundred dollars, to be paid as directed by the committee to the Treasurer, for the use of the Association.

Submission of cases by persons not members.

SEC. 13. Persons not members of the Association, who may have controversies with members, may avail themselves of the services of the Committees of Arbitration and Appeals, on the same terms, conditions and regulations that apply to members; *Provided*, that they furnish a member of the Association as surety on their bond.

Special Arbitration Committees: how appointed.

SEC. 14. The President shall have power to appoint special arbitration committees, to arbitrate cases of controversy between members, when requested so to do; or, with his approval, the parties to any controversy may agree upon such a committee. From the award or finding of a special arbitration committee there shall be no appeal. The members of a special arbitration committee shall take the same oath or affirmation prescribed for members of the Standing Committee of Arbitration; and the parties to any controversy, submitted to a special arbitration committee, shall enter into and exchange arbitration bonds in the manner and form prescribed in Section 9, of this article.

No appeal from award of a Special Committee

Members must be sworn.

Arbitration bonds.

## ARTICLE VII.

### \*INSPECTION, ETC.

Appointment of Inspectors, Gaugers, Weighers and other officers.

SECTION 1. The Board of Directors shall, annually, at its regular meeting in the month of October, or thereafter, as occasion may arise, appoint such Inspectors, Gaugers, Weighers, Measurers, and other officers, as it may consider necessary for the purposes of the

Association. The term of office of such appointees shall begin on the first of the month next succeeding their appointment, and shall continue until the end of the following October, or until their successors are appointed and assume their duties; but all such appointments shall be revocable at the will of the Board.

Term of appointed officers

SEC. 2. Each of said Inspectors, Gaugers, Weighers and Measurers shall give bond to the satisfaction of the Board for the faithful performance of his duty; shall charge and receive from parties requiring his services, such fees as may, from time to time, be, by the Board, adjudged reasonable and proper; and may, with the approval of the Board, appoint such duties as he may deem necessary. The official certificate of such Inspectors, Gaugers, Weighers and Measurers shall be conclusive between parties interested, except in cases provided for in Section 4 and Section 5 of this article.

Inspectors to give bond.

Fees.

Official certificates.

SEC. 3. The Board of Directors shall, annually, in the month of October, appoint Standing Committees on Inspection, for each interest subject to inspection, which committees shall consist of five members for each, and shall be appointed to serve for the year, beginning on the first day of November following their appointment, and shall also appoint Committees on Quotations in the leading departments of trade, for the daily official record of prices current; *Provided*, that the Board shall have power to remove at pleasure any member of said committees, and to make new appointments thereto, to supply vacancies caused by removal, resignation or death.

Standing Committees on Inspection, etc.

SEC. 4. The Standing Committees on Inspection shall have general supervision of the transactions of the Inspectors, Gaugers, Weighers and Measurers, each committee in its proper sphere; they shall act as referees in cases of dispute as to inspection, gauging, weighing and measuring, and shall, as occasion may arise, recommend to the Board such rules and regulations as may seem to them to be required in their several departments, and the Standing Committees on Grain Inspection and Public Weighing shall have the further power to hear and determine all controversies arising between members in grain trade and weighing matters that may be voluntarily submitted to them. *Provided*, however, that either party to the controversy may appeal from the decision of the said committees to the Committee of Arbitration within three days after the decision has been made known to the said parties.

Duties of Standing Committees.

SEC. 5. The appropriate Standing Committee shall have cognizance of charges against any Inspector, Gauger, Weigher or Measurer, or other officer appointed by the Board; and when such charges are formally presented in writing, shall carefully examine into the same, and in its discretion may reprimand the delinquent

Charges against Inspectors and other officers.

or assess damages against him for the benefit of the complianant, or recommend his removal from office to the Board of Directors; but in all cases the Inspector, Gauger, Weigher or Measurer, or other officer may appeal to the Board, within three days after the decision of the Standing Committee has been communicated to him, and the Board shall examine into the case, and confirm, modify, or amend the award of the committee, as may seem to be just and requisite.

Standards of inspection.

SEC. 6. The Board of Directors shall, from time to time, with the advice and consent of the respective Standing Committees, prepare and establish standards for the classification of the various articles subject to inspection, and make such rules and regulations for the guidance of their Inspectors, Gaugers, Weighers and Measurers, and other officers as may be required; and the said standards, rules and regulations shall be binding upon all parties concerned.

## ARTICLE VIII.

### SUPERINTENDENT.

Elected annually

The Superintendent shall be elected annually by the Board of Directors, and shall hold his office at the pleasure of the Board.

To have charge of rooms.

He shall have charge of the Exchange and other rooms occupied by the Association, provide them with stationery and other necessary supplies, cause them to be properly heated, lighted, ventilated, cleaned, and kept in good condition, and see that order is preserved therein. He shall have charge of all statistical work of the Association, and shall cause to be collected the statistics of the daily movement of the commodities of trade in Cincinnati, and have the same placed in an intelligible and orderly form on the books of the Association. He shall, at the conclusion of each fiscal year prepare a detailed report of the trade and commerce of the city, in its various leading departments, and shall have charge of, and attend to the publication of the same. He shall, either in person or by deputy, attend the meetings of the Committees of Arbitration and Appeals, and Special Committees of Arbitration, and keep a record of the awards made thereby; he shall see that phonographic reports of the testimony in cases before the Committees of Arbitration are made, and, when requested, shall cite persons to appear to give testimony in such cases. He shall have charge of such property of the Association as may be committed to his care; and shall, with the advice and consent of the Board of Directors, appoint such assistants as may be necessary to aid him in the performance of his duties; and he shall perform such other duties pertaining to his office, as may be prescribed by the Board of Directors.

To collect statistics, and prepare and publish annual report.

Attend meetings of Committees of Arbitration and Appeals. See that phonographic reports of testimony are made

Shall appoint assistants.

## ARTICLE IX.

## CERTIFICATES OF MEMBERSHIP.

SECTION 1. Each active member shall be entitled to receive a certificate of membership, bearing the corporate seal of the Association, and the signatures of the President and Secretary; which certificate, if the membership it represents is not in any way impaired or forfeited, shall be transferable upon the books of the Association to any person eligible to membership who may be elected by the Board of Directors, upon payment of a transfer fee of five dollars, and any unpaid assessments due thereon. The certificate of a deceased member may be transferred in like manner by his legal representatives. *Provided*, that any member who, at the time of the adoption of this Article, is not possessed of a certificate of membership, shall only be entitled to receive one through the transfer of the certificate of a retiring member.

Transfer fee.

SEC. 2. Upon the transfer of his certificate upon the books of the Association, the membership of the person so transferring his certificate shall cease.

SEC. 3. In case of the loss of any certificate, and of a claim that a new certificate be issued in place thereof, the owner shall make an affidavit stating the fact of such loss; he shall cause an advertisement to be published daily, for ten days, in one of the daily newspapers of Cincinnati, describing the lost certificate, and notifying all persons in interest to show cause why a new certificate should not be issued in place of the lost one; and he shall give such bond as the Board of Directors may require, for the purpose of indemnifying the Association from all damage that it may sustain in consequence of the issuing of a new certificate. Upon compliance with these conditions, the Board of Directors shall cause a certificate to be issued to such claimant, if he shall appear to be entitled to the same, in place of the lost certificate.

Loss of certificate

## ARTICLE X.

## ANNUAL ASSESSMENTS.

The annual assessment upon each active membership, for the purpose of defraying the expenses of the Association, shall be twenty-five dollars, and shall be payable, in advance, on the first day of September in every year. Any member who neglects or refuses to pay the same within thirty days after the same is payable, shall be excluded from the rooms of the Association, until payment is made;

Payable September 1st.

Penalty for neglect of payment

and any member who fails to pay the assessment within one year from the time when the same is payable, shall be deemed to have relinquished his membership, and the certificate representing such membership shall be forfeited and void, and such person can thereafter be re-admitted only as a new applicant.

## ARTICLE XI.

### MEETINGS.

- Annual and quarterly meetings.** SECTION 1. The annual meetings of the Association shall be held on the second Tuesday of September in each year. Quarterly meetings shall be held on the second Tuesdays of December, March, and June, in each year.
- Special meetings: how called.** SEC. 2. The President may, and upon the written request of a majority of the Board of Directors, or of twenty-five members of the Association, shall, call special meetings of the Association ; of which, except for action on the death of a member, at least twenty-four hours' notice shall be given by the President. Such notice shall state explicitly the object for which the meeting is called, and the transactions at said meeting shall be limited to the business stated in the call. *Provided*, that upon the announcement by the President of a call for a meeting under the foregoing provisions, the business stated in the call may be at once considered and acted upon by the members present, if a motion to that effect be actually put and unanimously carried.
- Twenty-four hours' notice to be given.**
- Business may be at once considered, by unanimous vote.**
- Quorum.** SEC. 3. At all meetings of the Association fifty active members shall constitute a quorum for the transaction of business.
- No debate or action to be had during session of Exchange, except at annual meeting.** SEC. 4. No debate or action shall be had on any subject during the hours of the Exchange daily session, except on the day of the annual meeting.
- Division can only be had upon demand of ten members.** SEC. 5. At any meeting of the Association the vote on any motion or resolution may be decided by the presiding officer by a *viva voce* vote ; but on the demand of any ten members a division requiring a count by the Secretary or tellers can be had, but the yeas and nays can not be ordered.
- Daily session of Exchange.** SEC. 6. There shall be a daily session of the Exchange, during such hours as the Board of Directors may provide (Sundays and legal holidays excepted), but this section shall not prevent adjournment at any time the Chamber may so order.

## ARTICLE XII.

## CONCERNING TRIALS AND CHARGES OF MISCONDUCT.

SECTION 1. All charges made against any member of the Association for any default, misconduct, or offense, shall be addressed to the President in writing, and shall state, in ordinary language, the default, misconduct or offense charged; and the same must be signed by one or more members of the Association, or by a business firm, at least one of whose members shall be a member of the Association.

Charges: how made.

SEC. 2. Upon the receipt of any such charges the President shall appoint a committee of three members of the Board of Directors, whose duty it shall be to examine into the gravamen of the charge, and if thought proper so to do, to endeavor to reconcile the matter in dispute, or to induce the parties interested to submit the same to arbitration. Should the committee fail to effect such reconciliation, or such agreement to arbitrate, and should it find that the charge is one proper to be brought to trial, it shall report the same, in writing, to the Board of Directors, whereupon the Board, if it shall so determine by vote, shall, at such time as it may designate, proceed to a trial of the accused upon the matters charged.

Committee to be appointed for preliminary investigation.

Board shall try persons charged.

SEC. 3. No member shall be reprimanded, suspended or expelled without a trial by the Board of Directors of the charges made against him, nor without an opportunity to be heard in his own defense. No trial shall take place until after notice shall have been served upon the accused member, accompanied by a copy of the charges against him. Such notice may be served upon the accused personally by the Secretary, or by an employe of the Association, or it may be left at his residence or place of business, or it may be sent by mail to the last known residence of the accused, should he have no residence or place of business in Cincinnati. Such service of notice shall be considered sufficient, and after same the trial may proceed whether the accused is present or not.

Accused entitled to trial before sentence.

How notice shall be served upon accused.

## ARTICLE XIII.

RULES FOR THE MANAGEMENT OF TRIALS AND CASES BEFORE THE BOARD OF DIRECTORS, AND COMMITTEES OF ARBITRATION AND APPEALS.

RULE 1. No trial before the Board or Committees shall be proceeded with in the absence of either party, until after proof of service of notice, by the Secretary or an employe of the Association,

Trial may be adjourned, in case of absence of either party.

personally, or at the place of business of the party, or by mail to his last known residence, if he has no place of business in Cincinnati. Unavoidable absence from the city, sickness, or the absence of material witnesses, shall be considered, at the discretion of the Board or Committees, cause for adjournment of trial.

**Trials: how opened.**

**RULE 2.** The trial shall be opened by a verbal or written statement of the case by the complainant, and be followed by a verbal or written statement by the respondent. Interruptions of the same shall not be permitted.

**Testimony must be under oath.**

**RULE 3.** All testimony introduced in trials before the Board or Committees shall be under oath; the oath, in cases before either the Committee of Arbitration or the Committee of Appeals, to be administered by a Judge or a Justice of the Peace of the County of Hamilton, State of Ohio, or other officer authorized, or to be authorized, to administer oaths in such cases.

**Oath: how administered.**

**As to relevancy of testimony: how decided.**

**RULE 4.** All questions as to the relevancy or admissibility of testimony shall be decided by the presiding officer. The party against whom the question of evidence is decided shall have the right of appeal to the Board or Committee trying the case.

**Interrogatories by only one person on each side.**

**RULE 5.** All interrogatories by contestants shall be put by only one person on each side, unless by consent of the Board or Committee.

**Order of testimony.**

**RULE 6.** The order of testimony shall be as follows:

- I. The evidence for the complainant.
- II. The evidence for the respondent.
- III. The evidence for the complainant in regard to new matter presented in the evidence for the respondent.

The evidence shall then close, except that it may be reopened in the interest of justice, by vote of the Board or Committee.

**Cross-examination of witnesses.**

**RULE 7.** The cross-examination of witnesses need not be confined to matters testified to in the direct examination, but can be extended to any matters necessary to make out the case of the party making the cross-examination.

**Re-examination in chief.**

**RULE 8.** The re-examination in chief shall be strictly confined to new matter introduced in the cross-examination.

**Witnesses to testify from personal knowledge only.**

**RULE 9.** Witnesses will only be permitted to testify as to facts within their own personal knowledge, and can not be allowed to state information given them by others.

**Irrelevant testimony excluded.**

**RULE 10.** The testimony must be confined to the matters in controversy, and all irrelevant facts must be excluded.



**RULE 11.** No impeachment of the general reputation of a witness for veracity shall be permitted.

Impeachment of reputation of witnesses not permitted.

**RULE 12.** Whenever books of account require any extended examination, or the papers presented are voluminous, the Board or Committee may refer the matter to one of their number, or to an accountant, for examination and report.

Accounts and papers may be referred.

**RULE 13.** Whenever the genuineness of the signature of any material paper, presented in evidence, is contested, the Board or Committee shall dismiss the case, unless both litigant parties shall agree to a final decision without reference to the question of the genuineness of the signature.

When genuineness of signature is contested.

**RULE 14.** Proof of agency must be established before the admissions of an agent can be received.

Proof of agency.

**RULE 15.** The Board and the Committees reserve the right to dismiss any case where the conflict in the testimony is such that it may be deemed improper to proceed to give a decision.

When cases may be dismissed.

**RULE 16.** In trials or investigations before the Board of Directors, the Committees of Arbitration or Appeals, or any other committee of the Association, no party shall be allowed to be represented by an attorney at law.

Parties not allowed to be represented by an attorney at law.

## ARTICLE XIV.

### NATIONAL BOARD OF TRADE.

**SECTION 1.** This Association having membership in the National Board of Trade, it shall be the duty of the Board of Directors, prior to each annual session of said National Board of Trade, to appoint delegates to the same, in number as prescribed by the rules of that body.

Board of Directors to elect delegates.

**SEC. 2.** The term of office of delegates to the National Board of Trade shall begin at the opening of its annual session, or at such time as shall be fixed by the said National Board.

When term of office begins,

**SEC. 3.** The delegates to the National Board of Trade shall be constituted a Committee to consider and report to the Chamber upon all subjects submitted by the National Board of Trade to the Chamber of Commerce, as well, also, upon all subjects proposed to be submitted by the Chamber of Commerce to the National Board of Trade.

Delegates to make reports.

## ARTICLE XV.

## CLERKS, MESSENGERS AND REPORTERS.

Clerks' tickets  
how obtained.

SECTION 1. Each firm or business house, one or more of the members of which are members of the Association, upon the approval of the Board of Directors of the person for whom the application is made, shall be entitled to one or more clerks' tickets of admission to the daily Exchange meetings of the Association, on payment of the regular annual assessment of members, for each and every clerk; but the holder of a clerk's ticket must be in the employ of the member applying for the same, and he shall not have the right to transact any business in the Exchange rooms for any other person than the employer, to whom the ticket may have been issued. Any clerk's ticket, and all payments for the same, may be declared forfeited by the Board of Directors, upon satisfactory evidence that the person holding it has abused any of the privileges granted by it, or that he is not a *bona fide* employe of the person upon whose application it was issued.

Causes for for-  
feiture of ticket.

Messengers.

SEC. 2. The Board of Directors shall be authorized, under such restrictions, regulations and limitations as it may deem proper, to grant admission to the Exchange rooms to messengers for members, such messengers not to be allowed to transact any business beyond communicating with their principal, and not to remain longer than is necessary for that purpose.

Reporters.

SEC. 3. Upon the approval of the Board of Directors, reporters of daily newspapers, published in the City of Cincinnati, may be admitted to the Exchange rooms, without charge.

## ARTICLE XVI.

## VISITORS.

Visitors can not  
transact busi-  
ness.

Visitors may be introduced to the Exchange rooms upon such conditions and for such time as the Board of Directors may determine. No person admitted as a visitor shall be permitted to transact any business in the Exchange rooms.

## ARTICLE XVII.

## PROHIBITED APPROPRIATIONS.

Appropriations.  
what prohib-  
ited.

No appropriation of money shall be made by the Board of Directors, or by the Association, for any other than the strictly legitimate business purposes of the Association.

## ARTICLE XVIII.

## AMENDMENTS.

These By-laws may be amended by a two-thirds vote of the members present and voting at any regular meeting of the Association, or at a special meeting called for the purpose; *Provided*, that the proposed amendments or alterations shall have been approved by a majority vote of the whole Board of Directors, and shall have been posted on the bulletin board for at least ten days prior to the meeting of the Association at which it is proposed to consider them

## ARTICLE XIX.

The former Constitution, and all rules and regulations inconsistent with these By-laws, are hereby repealed. *Provided*, that the Board of Officers and all committees and appointees, holding office at the time of the adoption of this article, shall continue in their respective offices and duties, during the term for which they were elected, and until their successors are duly elected and qualified.

Repeal of former constitution.

Exception for present officers.

## \*ARTICLE XX.

SECTION 1. Upon the death of any present active member who is the owner of a certificate of membership, and shall have complied with all the By-laws, Rules and Regulations of the Association, and upon proofs of such facts, there shall be paid out of the funds of the Association the sum of \$250, as hereinafter provided.

Benefit allowance to present certificate members.

SEC. 2. Upon the death of any active member who may hereafter be elected and be the owner of a certificate of membership, and shall have complied with all the By-laws, Rules and Regulations of the Association, and upon proof of such facts, there shall be paid out of the funds of the Association as hereinafter provided the following sums, viz.: the sum of \$50 if such death shall have occurred within one year after the election of such person to active membership; \$100, if after one year and within the second year; \$150, if after two years and within the third year; \$200, if after three years and within the fourth year; and thereafter \$250.

Allowance to members elected subsequent to adoption of this provision.

SEC. 3. Nothing herein contained shall be construed as a liability on the part of this Association for the payment of any sum whatsoever, nor shall anything herein contained be construed as

Non-liability of this Association.

constituting any estate in *esse* which can be mortgaged or pledged for the payment of any debts, but the sums above provided to be paid, shall be construed as a gift to the family of each deceased member.

To whom the  
benefit fund is  
payable.

SEC. 4. Should a member die leaving a widow, the whole sum above provided shall be paid to such widow for her own use. Should the member die leaving no widow, but leaving children, then the sum above provided shall be paid to the children for their own use, share and share alike; provided that the share of minor children shall be paid to their guardian, and that the issue of any deceased child shall be entitled to receive the share which such child would have received, if living. Should the member die leaving neither widow nor children, then the sum above provided shall be paid to the next kin of the deceased, according to the laws of Ohio; and if there be none such, then the same shall be applied in such manner and to such purposes as may be ordered by the Board of Directors of this Association.

Effect of transfer  
of certificates,  
and other ac-  
tions.

SEC. 5. The interest of a member and all claims of his widow, children, or next of kin, shall cease upon the transfer of his certificate of membership on the books of this Association, or upon his expulsion from this Association, or from the time when his membership shall be otherwise terminated; but the interest of a member and the claims of his family as aforesaid, shall not be affected by or during his suspension.

SEC. 6. The Association reserves the right to repeal or amend this By-law at any time, in the manner provided for the amendment of By-laws.

ANNUAL REPORTS  
OF THE  
SECRETARY, TREASURER AND SUPERINTENDENT  
OF THE  
CINCINNATI CHAMBER OF COMMERCE  
AND  
MERCHANTS' EXCHANGE

## REPORT OF THE SECRETARY.

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CINCINNATI, September 16, 1895.

JAMES M. GLENN, Esq.,

*President of the Cincinnati Chamber of Commerce and Merchants' Exchange:*

DEAR SIR—In keeping with a custom which while it is not required by the By-laws, yet is sanctioned by precedent and is one of undoubted usefulness and interest to our members, I have the honor to present herewith my report for the term of office ending with this date, wherein is reviewed in a brief way the principal actions of the Board of Directors and the Association in general session, and whatever interesting data may be available.

In the presentation of the actions of the Chamber I have avoided an enumeration of minor events, and have given only such matters as may seem to be of sufficient interest to be recorded here. The Association in general session has been called to order for various purposes seventy-two times during the year just closed, and following is a brief resume in chronological order of the principal events and actions which there took place.

September 27, 1894: The Council of the Ohio State Board of Commerce held their annual meeting in this city to-day. The members of the Council were properly received on 'Change.

October 4, 1894: SENATOR JOHN SHERMAN was a visitor on 'Change to-day, and addressed the members briefly.

October 17, 1894: Resolutions were adopted protesting against the threatened removal of the United States Post, for the purchase of commissary supplies, located in this city.

October 26, 1894: The members of the Cleveland Chamber of Commerce in large delegation were the guests of the Chamber of Commerce on this day. The visit here was in the nature of a social visitation, the outcome of a projected tour of the principal Exchanges of the State, with a view primarily of meeting the members in a social way, the extension of business acquaintance, and incidentally to acquire a knowledge into the operations of the various Exchanges. The occasion was fraught with much good, and was an enjoyable one in all of its phases, and it is hoped that permanent and mutual benefit may result. The reception and entertainment of the guests was in the hands of an adequate committee of representative members, and the many details incident to the arrangement of an affair of such magnitude were carried out in a manner wholly befitting the occasion. Suitable entertainment was provided for the guests, and a banquet was tendered them in the evening. A return visit from the members

of our Chamber to the Cleveland body was made June 6, 1895, of which mention will be made elsewhere in this record.

January 10, 1895: Action was taken by the Association in the nature of an organized movement to extend relief to the suffering miners in the Hocking Valley region. A committee was duly appointed, and much effective assistance was rendered by contributions of clothing and supplies, through the efforts of this committee.

January 18, 1895: The question of a repeal of Article XX, of the By-laws, which provides for the payment of a gratuity or Death Benefit to the widows of deceased members, was this day brought before the Association for an election by ballot. The total vote was 441; 173 for repeal and 268 against repeal. The amendment was thus defeated. The balloting at this election was also upon the adoption of certain amendments to Article VII, relating to Committees of Inspection and Public Weighing matters. These amendments were adopted by a large majority, 416 for and 17 against.

January 22, 1895: GOVERNOR MCKINLEY was a visitor on 'Change to-day. His presence in the city was occasioned by attendance at the Convention of Manufacturers of the United States.

February 1, 1895: Resolutions were adopted deprecating the contemplated legislation in the State of Alabama which was deemed to be of such a nature as to unfavorably affect the management of the Alabama Great Southern Railroad. The proposed legislation was hostile to the interests of that road, which is an important connecting link of the Cincinnati Southern Railway, and thus detrimental to the commerce between this city and points in Alabama. A delegation was appointed to visit Montgomery, Ala., in opposition to the passage of the bill, which was ultimately defeated.

February 2, 1895: Resolutions approving the position taken by PRESIDENT CLEVELAND upon the monetary affairs of the United States and the payment of its obligations, as recognized by the PRESIDENT in his message to Congress, were brought before the Association and unanimously adopted.

March 13, 1895: Action was taken by the Chamber of Commerce in the matter of extending relief to the needy farmers of Frontier County, Nebraska, whose crops had failed owing to the drought. A committee was appointed to take suitable action.

March 27, 1895: In response to an appeal from the farmers of Eastern Colorado, who were suffering from a total failure of crops, a committee was also appointed to take appropriate action.

May 15-27, 1895: By action of the Association invitations were extended to Hon. JOHN G. CARLISLE, Secretary of the Treasury, to SENATOR JOHN SHERMAN, and Hon. W. J. BRYAN, of Nebraska, to address the members on the subject of "Sound Money," a question of absorbing public interest and of a more or less debatable nature. Of those invited SECRETARY CARLISLE and SENATOR SHERMAN were unable to respond owing to causes without their control; Mr. BRYAN accepted, and his address was delivered July 6, at the Grand Opera House.

June 1, 1895: Incident to the unveiling ceremonies of the monument erected to the memory of the Confederate Soldiers buried in Oakwood Cemetery, Chicago,

which event occurred on Decoration Day, May 30, by invitation of the Chamber of Commerce, the participants in that celebration, consisting principally of ex-Confederate Officers of high rank and other distinguished Southerners, (passing through Cincinnati en route to their homes,) were the guests of the Chamber of Commerce to-day. A programme of entertainment had been planned, notably a carriage drive, public reception on 'Change, luncheon at Queen City Club, dress parade and drill at Fort Thomas, and banquet in the evening at the Grand Hotel. The affair was carried out under the auspices of a representative committee of members of the Exchange, and every comfort of the visitors was carefully consulted, and the occasion pronounced a success. Among the distinguished visitors in the party were GENERALS JAMES LONGSTREET, FITZHUGH LEE, L. L. LOMAX, HARRY HETH, MARCUS J. WRIGHT, S. G. FRENCH, H. KYD, DOUGLAS, M. C. BUTLER, EPPA HUNTON, JOHN C. UNDERWOOD, CAPTAIN H. B. LITTLEPAGE, COLONEL ALBERT AKERS, MAJOR H. T. STANTON, SOLICITOR-GENERAL HOLMES CONRAD, MAJOR ROBERT W. HUNTER, CAPTAIN JOHN W. DREW, and others.

June 6, 1895: This was the day fixed by the Cleveland Chamber of Commerce for a return visit from the members of the Cincinnati Chamber of Commerce. According to prearranged preparations, the management of which having been detailed to a committee of members, a delegation numbering probably 150 left this city by special train on Wednesday, June 5. Arriving in Cleveland the visitors were met at the depot by reception committees, and were henceforth to the time of their departure for home in the hands of their hosts, the Cleveland Chamber of Commerce. The entertainment which Cleveland provided for the visitors was elegant and sumptuous; their hospitality knew no bounds; every detail that in any way contributed to the comfort or amusement of the visitors, was thoughtfully arranged for. The day was spent, following a set programme, in carriage drives, feasting, receptions, ride on the lake, and banquet in the evening. The occasion was one long to be remembered by the participants. An expression of thanks and appreciation was subsequently adopted by the Board of Directors and forwarded to the Cleveland Exchange.

August 20, 1895: Incident to the approaching convention of the National Hay Association which convenes in this city on September 24, a committee was appointed by the Association to assist in the reception and entertainment of the delegates, who were expected to be in attendance.

August 30, 1895: Resolutions were adopted by the Association relative to Labor Day, and its closer observance as a holiday in this city.

In a review of the actions of the Board of Directors it will be impracticable and unnecessary for the purpose of this report to enter largely into its multifarious details, which are essentially uninteresting. All of the business and financial affairs of the Chamber pass before and under the immediate direction of your Board. The close and careful application to the affairs of the Chamber, the faithful attendance at meetings of the Board, the personal and business sacrifices which this attendance entails, the watchfulness and interestedness manifested by the Board in its efforts to increase the usefulness of the Association, are qualities and features incident to the trust, that are doubtless little appreciated by the general membership. I may be pardoned if the occasion seems to justify that proper



testimony be here made to the zeal, fidelity and capability, with which the affairs of the Chamber have been administered the past year.

During the year just closed the Board of Directors have held thirty-three meetings, regular and special.

The question of a continuance of the Death Benefit clause of the By-laws (Article XX) was one which received the early consideration of the Board. The subject was very carefully gone over in all of its features, and a conclusion reached by the Board favorable to a repeal of the Article. The preliminaries were duly passed upon, and the question of repeal was brought up before the Chamber for action. A vote by ballot was taken, with the result recorded elsewhere in this report.

Amendments to Article VII, of the By-laws, intended to widen the scope of the Inspection Committee on Public Weighing, and to make certain changes in phraseology, was formally adopted by the Board and submitted to the Association together with the repeal of Article XX, and passed by the Association, as elsewhere recorded.

In the earlier meetings of the Board the matter of reforms in methods of weighing bulk grain in this market, was taken up and a Standing Committee given charge of the subject. The many features entering into the question called for much careful consideration and investigation. The varied and complicated interests at stake in the accomplishment of this end, rendered the question an exceedingly difficult one to handle. The system which found favor with the committee was that known as the "Jumbo" system of weighing, whereby the grain is unloaded into the "Jumbo" then weighed and reloaded in the same or another car. This system has very pronounced advantages over any other method, both as to the simplicity of the process and the lessening of the cost. The committee made a trip to Chicago with a view of examining the operation of the "Jumbo" in use in that market, and were unanimous in recommending a similar system for Cincinnati. But its ultimate adoption here failed for want of proper support from the railroads, the interest which would be pecuniarily most benefitted by the change. This and other efforts in former years to give Cincinnati a system of weighing that would be a great benefit to this market in the matter of better and more accurate weights, has signally failed. In the midst of these discouragements there is an unanimity among the trade on 'Change that some system, preferably the "Jumbo," should be adopted, and it is to be hoped that renewed efforts may be successful in reaching this end. In connection with this matter of weighing there was one reform that was accomplished by the Board. A uniform certificate of weights for the use of Public Weighers seemed to be demanded by the trade, and accordingly a form was adopted by the Board and a rule passed requiring all weighers to use the form after January 1, 1895, supplies being furnished through the office of the Chamber of Commerce.

As usual delegates were sent to the National Board of Trade meeting at Washington, D. C., in January, 1895. The Chamber of Commerce continued its membership in the Ohio State Board of Commerce and was represented at its annual meeting held at Columbus, November 14, 1895.

The Chamber of Commerce was represented at the National Hay Trade

Convention which convened at Cleveland in January, 1895, and delegates were appointed by the Board to attend the first annual convention of that Association which will convene in this city September 24, 1895.

At a conference between representatives of commercial bodies and the Secretary of Agriculture held at Washington, April, 1895, relative to "Government Crop Reports," the Chamber of Commerce was represented by C. B. MURRAY, Superintendent of the Chamber.

Resolutions were adopted by the Board commending the Zoological Gardens of this city as an enterprise supported almost wholly by the generosity of public-spirited citizens, and worthy of the unstinted support and loyalty of our people.

Resolutions were also adopted relating to the needed improvement in the United States Consular Service, and approved the passage of legislation designed to make this department of the Government service more efficient and satisfactory.

In August, 1895, the preliminary steps were taken by the Board towards the observance of Cincinnati Day at the Cotton States International Exposition to be held at Atlanta in the fall of 1895. It was at the instigation of the officials of the Chamber that the management of the Exposition were invited to designate a day on the Exposition calendar to be known as "Cincinnati Day," for which a proper observance would be made. The dates thus set apart were Cincinnati Day, December 5; Ohio Day, December 6. The arrangements were delegated to a Representative Committee headed by our President, Mr. GLENN, as Chairman.

Following is a brief summary of the rules adopted by the Board in various departments, viz :

The rule governing the admission of visitors was so amended February 5, 1895, making the tickets good for seven admissions in three months, instead of one year, as heretofore.

A new classification of Hay and Straw was adopted, February 19, 1895. This supercedes the old classification, and is the same as that adopted by the Hay Convention at Cleveland in January, 1895.

On May 7, 1895, new rates of commission on sales of whisky were adopted, viz: On sales of Bourbon and Rye whisky in bond, 50 cents per barrel; tax paid, \$1.00 per barrel.

A new grade of wheat to be known as No. 4 Red Wheat, was adopted August 6, 1895, defined as follows: No. 4 Red Wheat shall be sound but not good enough to grade No. 3, and shall test not less than 53 pounds to the bushel.

The fees for the Inspection of Hay were amended August 20, 1895, fixing the fees at 50 cents per car, and an additional charge of 50 cents for reinspection, under modifying conditions. The fees for inspection at river were also fixed at 2 cents, 1 cent and  $\frac{1}{2}$  cent per bale, according to size.

Rules for the government of weighers were adopted September 3, 1895, providing for the daily weighing of wagons engaged in the hauling of bulk stuff over wagon scales, making certain restrictions as to hours for hauling, requiring the removal of all articles from the empty wagons, and a general surveillance of such matters by the weigher.

There were 78 certificates of membership transferred during the year ending August 31, 1895, compared with 127 the previous year. There were 13 clerks'

tickets of admission issued for the year. This decreased issue of clerks' tickets is largely accounted for by the low price of certificates, many of those formerly admitted as clerks having become certificate members.

The record of membership September 1, 1895, shows a total enrollment of 1,654 memberships; of this number 1,634 were certificate members, 11 non-certificate, and 9 honorary, five of whom are holders of regular certificates. The membership compared with the preceding year indicates a total dropping off of 138, 136 certificate memberships and 2 non-certificate, brought about by forfeiture for non-payment of annual dues for the year expiring August 31, 1895. This decrease in our membership is but a continuance of the process of cause and effect which has been operating for several years past, the results of an inflated membership and a declining market value of our certificates of membership. It is thought by many members that our book membership is yet too large, and that each year will bring about a lessening number until normal conditions are reached. The unfortunate feature occasioned by this loss of membership is the consequent decrease in our revenue, as reflected by the Treasurer's report. Every economy in the management of the financial affairs is being practiced that can consistently be done, and it is worthy of note that the total disbursements for the year indicate a marked decrease, without the curtailment of any important service, or impairment of the efficiency rendered. A repeal of Article XX, of the By-laws, which provides for the payment of Death Benefits to the widows of deceased members, would afford financial relief from an embarrassment that seems imminent. The question of repeal was defeated the past year, but there is a constantly growing feeling in favor of doing away with this Article, that has been of no discernible value to the Chamber, and has proven itself inadequate to accomplish what its projectors expected of it.

The retiring Board of Directors, in exercising the rights given it under the By-laws, elected Mr. ARTHUR ELLIOT ARMSTRONG, one of the oldest and most highly respected members of the Chamber of Commerce, to Honorary Life Membership.

It is with expressions of regret that we must announce the loss by death of 28 members of the Chamber of Commerce during the year ending August 31, 1895, in comparison with 31 deaths the preceding year, the average age approximating 57 years, in comparison with 60 the preceding year. Following is a list of names of deceased members for the year ending August 31, 1895: HERMAN LACKMAN, JR., R. B. LATTA, NICHOLAS OESTER, A. S. WRENN, DAVID SHORT, AUGUST BIRNBRYER, JAMES LARMON, MILTON A. DALTON, CHARLES J. TRANTER, FRANK REYNOLDS, J. H. KUSHMAN, JOHN BEECHING, H. T. BENEKING, MICHAEL CLEMENTS, GEORGE DEUBEL, A. J. COOK, JOHN E. BELL, JOHN W. CARR, A. C. CONKLIN, WM. F. RYAN, H. F. HECKERT, CONRAD SCHULTZ, CHAPMAN JOHNSON, CHARLES S. BETTS, HENRY J. GROSSIUS, MATTHEW HART, S. C. DAWES, PETER ANDREW.

Respectfully submitted,

C. LEE WILLIAMS,

*Secretary.*

## REPORT OF THE TREASURER.

CINCINNATI, September 10, 1895.

JAMES M. GLENN, ESQ.,

*President of the Cincinnati Chamber of Commerce and Merchants' Exchange:*

DEAR SIR—I have the honor to submit herewith my report of the Finances of the Chamber of Commerce for the year ending August 31, 1895.

Very respectfully,

ALBERT LACKMAN,  
*Treasurer.*

### STATEMENT OF RECEIPTS AND DISBURSEMENTS.

For the Year ending August 31, 1895.

Balance August 31, 1894.....			\$8,487 53
<b>RECEIPTS.</b>			
Membership Dues.....		\$41,025 00	
Clerks' Tickets.....		325 00	
Transfer Fees.....		375 00	
Desk Rent.....		314 50	
Interest (Bank Account).....		530 00	
Arbitration Fees.....		10 00	
Expense Account (Sale of Paper, Flour, etc.).....		55 09	
Rent Account (Rentals from Building).....		27,541 50	
			\$70,176 69
<b>DISBURSEMENTS.</b>			
Salaries.....	\$13,640 00		
Telegraph Reports.....	9,945 78		
Cincinnati Freight Bureau.....	3,674 24		
Janitor Service.....	2,485 00		
Annual Report.....	1,239 70		
Telephone Service.....	1,100 00		
Expense.....	1,362 48		
Stationery and Printing.....	353 84		
National Board of Trade.....	512 70		
Ohio State Board of Commerce.....	783 80		
Postage.....	282 02		
Amounts forward.....	\$35,379 56		\$78,664 22

## STATEMENT OF RECEIPTS AND DISBURSEMENTS.—Continued.

<i>Amounts brought forward</i> .....	\$35,379 56		\$78,664 22
Reception to Cleveland Chamber of Commerce (deficit).....	229 50		
Reception to Military Visitors (deficit).....	187 96		
Arbitration Fees.....	5 00		
		\$35,802 02	
Death Benefits (Paid Sundry Claims, provision of Article XX).....		5,800 00	
Interest on Bonds (\$150,000—4 per cent.).....		6,000 00	
<b>CURRENT EXPENSES OF BUILDING, VIZ.:</b>			
Wages.....	\$4,765 07		
Fuel.....	1,866 70		
Gas.....	544 90		
Water.....	349 87		
Building Supplies.....	336 88		
Building Repairs.....	612 65		
Building Expense.....	507 95		
Insurance (Boilers and Elevators).....	159 00		
		\$ 9,143 02	
Taxes (Real Estate and Personalty).....		10,496 26	
<b>EXPENDITURES FOR IMPROVEMENTS ON BUILDING, VIZ.:</b>			
Plumbing Work (new).....	\$189 00		
Painting of Rooms.....	198 00		
		\$387 00	
			\$67,628 30
<i>Balance August 31, 1895</i> .....			\$11,035 92

Respectfully submitted,

Examined and approved:

ALBERT LACKMAN, *Treasurer*.

J. PARKER GALE,  
S. W. BARD,  
RUFUS BURCKHARDT, } *Finance Committee.*

<i>Chamber of Commerce Building:</i>		
Total Cost to Completion (Lot, Building and Equipment).....		\$772,674 06
<i>Liabilities, August 31, 1894:</i>		
Chamber of Commerce Bonds, 4 per cent., 10-20s, dated Jan. 1, 1888, total issue..		\$150,000 00



## REPORT OF THE SUPERINTENDENT.

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CINCINNATI CHAMBER OF COMMERCE, }  
May, 1896.

THE PRESIDENT AND BOARD OF DIRECTORS:

GENTLEMEN—The Forty-seventh Annual Report of the Cincinnati Chamber of Commerce is herewith submitted, for the year ending December 31, 1895. The statistics embrace comparisons for a series of years varying in length of periods, in accordance with the seeming needs of the different exhibits.

The policy heretofore pursued of embracing in the Annual Report a large amount of information other than of a purely local nature has been continued, and there is some extension in such direction in the present volume. The special work of collecting, collating and preparing such an extent of material as herewith presented necessarily delays the submission of the completed report, but it is believed that the interest in and accessibility of such information, and its general usefulness as reference matter, justifies the continuance of the wide scope of service represented.

The Cincinnati Chamber of Commerce is an organization upon a broad plan. While serving the current needs of its membership in all the conditions attending such a trading exchange, it is also conspicuous in the consideration and promotion of affairs of general interest, local or otherwise. Purely political measures receive little attention. Questions of transportation, navigation, and commerce generally, are acted upon with the intelligence which is naturally found in an organization composed of representatives of the industrial and business activities of a great and prosperous commercial center.

During the past year the influence of the Chamber of Commerce has been recognized in the interest of improvement of the Ohio River and tributary navigable waterways, especially in the matter of liberal appropriations provided for in the River and Harbor Bill of Congress, applicable to the maintenance and extension of service and outlays calculated to afford immediate and continuous benefits to the commerce of this region.

The question of a deep-water canal between Lake Erie and the Ohio River, with the probable value and influence upon the industries and commerce of the

localities naturally affected by such facilities, has had consideration, and has been brought to the attention of the General Government through special reports of the Department of Engineers. While no immediate action is likely to result in the way of inaugurating what is deemed a practicable and justifiable enterprise, especially in the conversion of the Lake Erie and Miami Canal into a deep-water thoroughfare, it is believed that the efforts which have been made in such direction may prove helpful in bringing about such results ultimately.

Various other questions, of more or less importance in a public way, have had the attention and support of the Chamber of Commerce during the year.

The general review herewith submitted for the year covers a wide extent of reference to local and other trade affairs and statistical information, with also railroad and river transportation matters, marine interests, etc. There is also presented a sketch of the beginnings of the Weather Bureau work, under the auspices of the Cincinnati Chamber of Commerce, which affords an interesting illustration of the influence of this organization for the promotion of worthy movements otherwise than local in their application.

CHARLES B. MURRAY,  
*Superintendent.*



## THE COMMERCE OF CINCINNATI.

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The year 1895 did not afford all the recovery in business affairs that was more or less confidently looked for by a majority of those engaged in commercial and industrial pursuits. But the records taken as a whole are suggestive of a fair degree of progress in such direction. In various lines the local trade developed considerable gain over the preceding year, and in but few channels was there a decrease in volume of business. In most lines values remained low, and profits small in business operations. But mercantile embarrassments were within comparatively narrow limits, and the general solidity and thrift of the industrial interests of this locality were well demonstrated.

The records of the Clearing-House disclosed only a small gain, the total for the year being \$651,000,000, in comparison with \$643,000,000 in 1894. In Manufacturing operations, taken as a whole, there was an increase of about 5 per cent., the aggregate output representing approximately \$235,000,000. Among the more conspicuous interests to show enlargement was that of Boots and Shoes, in which line the sales indicate a gain of 12 per cent., the improvement being partly covered by an advance in values; the sales aggregated \$12,580,000. In the Clothing trade there was a gain of about 5 per cent., the sales reaching a total of \$19,650,000. The production and distribution of Soap was moderately enlarged, the shipments representing 1,287,000 boxes, valued at \$6,435,000. The sales of Pig Iron decidedly exceeded any previous year in quantity of product; the local receipts and sales by dealers here for direct shipment represented a total of 1,286,000 tons, having a valuation of \$17,500,000. The Dry Goods trade increased about 3 per cent., with sales amounting to \$33,625,000. The volume of business in Groceries was enlarged 2 per cent., the sales reaching a total of \$19,250,000. In the Provision trade there was a decided expansion of operations, but attended with unsatisfactory results. The trade in Live Stock was enlarged, with satisfactory prices for Cattle most of the year, a declining tendency prevailing for Hogs, while there was some improvement in prices of Sheep compared with the preceding year, although continuing low; total value of the year's receipts \$16,800,000. There was a moderate decline in the volume of business in Grain, mainly due to crop shortages in the regions most directly tributary to this market. In Flour there was an enlargement of receipts, showing the largest yearly total with but one exception. The trade in Grass Seeds was large, and exceeded any previous year with the exception of 1894. Transactions in Salt exceeded any previous year. The Hay trade continued to reflect the deficient crops of 1894 and 1895 in regions tributary to this market; the volume of busi-

ness was not reduced in comparison with 1894, but was decidedly short of some earlier years. The receipts of Wool were largely reduced. Leaf Tobacco receipts at the sales warehouses were enlarged 5 per cent., with sales exceeding \$9,500,000 in value. In Petroleum there was a moderate gain in receipts, but a decided decrease in sales by local houses for direct shipment. The receipts of Leather were considerably increased, and the local absorption by manufacturers of Boots and Shoes, Harness, Saddlery, etc., was enlarged. The manufacture of Starch was maintained in large volume, representing 28,600,000 pounds. In the production of Malt Liquors there was a gain of 6 per cent., fully recovering the loss in the preceding year, the total representing 1,338,000 barrels, having a value of \$8,000,000. The Whisky trade was an unsatisfactory one, falling fully 30 per cent. short of the usual volume. The business in Coal was restricted under the lack of river navigation an unusual portion of the year; these drawbacks were partially offset by largely increased receipts by railroad, but the year's total was the smallest since 1890. In Green and Dried Fruits, Vegetables, Dairy Products, etc., the volume of business was large, but generally at low prices. The sales of Furniture were considerably increased, representing a total of \$9,000,000. The Carriage trade did not resume former proportions, but the sales were approximately \$9,500,000. In the Lumber trade there was a decided gain over the preceding year. In the manufacture of Machinery there was a fair increase in comparison with the preceding year, the value of such products being approximately \$6,000,000. The River Transportation interests experienced a very unsatisfactory year, there having been no instances in the past so disastrous, from lack of navigable stage of water. The Railway Transportation interests developed little of special note; the restriction of river transportation served to increase the coal tonnage of the railroads to an important extent; the more than usual absence of severe storms during the year in this region brought repair expenses of roadbeds, etc., to a low point; freight tariffs were uniformly low, and there was less than the usual extent of controversy between shipping and transportation interests, and between the railroad companies and their employees.

This summary of a part of the detailed information embraced within this report is sufficient to indicate that the industrial interests of Cincinnati while not restored to the fullness of activity and of satisfactory results reached in 1892 are on a good basis, and steadily enlarging and improving. The locality is favored in many ways—in climate, in command of raw materials for use in a full range of manufactures at low cost, in favorable transportation facilities for distribution of products, in cheapness of living expenses of working classes, and ready command of comfortable homes, and in other ways, promotive of satisfactory results to industrial efforts and business enterprise.

Cincinnati and its immediate surroundings properly recognizable as a part of this community represents a population exceeding 500,000. It is the most centrally situated of the populous cities of the country. Its transportation interests are provided for by a large number of railways, including five great trunk line systems. It is situated on a navigable waterway which, with its tributaries, is the most important of such systems of transportation in this country in the extent of freight tonnage. It maintains a position of importance

in many lines of industry excelling all other localities in the country. It has at command an exceptional range of facilities for the successful prosecution of industrial enterprise. Its situation and surroundings are such as to make it a surpassingly attractive city. It commands every facility which culture calls for, and for the promotion of education and rational entertainment. Its people are progressive and liberal, without undue assumption or ostentation.

The accompanying tabulation affords a comprehensive comparison of changes in trade and industrial interests in this market during the past four years—the exhibit representing the calendar years 1895, 1894 and 1893, and commercial year ending August 31, 1892:

ARTICLES.	1895	1894	1893	1891-92
Value of Commodities received.....	\$302,000,000	\$295,000,000	\$319,000,000	\$346,000,000
Value of Manufactures.....	\$235,000,000	\$225,000,000	\$238,000,000	\$250,000,000
Clearing-House Exchanges.....	\$651,000,000	\$643,000,000	\$642,000,000	\$721,000,000
Dry Goods, sales.....	\$33,625,000	\$32,685,000	\$35,575,000	\$37,450,000
Clothing, sales.....	\$19,650,000	\$18,700,000	\$21,725,000	\$23,450,000
Grain received, bushels.....	25,000,000	28,000,000	22,000,000	22,000,000
Value of same.....	\$7,300,000	\$12,600,000	\$8,200,000	\$11,400,000
Flour received, barrels.....	1,890,000	1,475,000	1,880,000	2,040,000
Value of same.....	\$4,730,000	\$3,025,000	\$4,325,000	\$5,200,000
Live Stock received, head.....	1,795,000	1,800,000	1,946,000	2,085,000
Value of same.....	\$16,800,000	\$17,400,000	\$24,587,000	\$22,000,000
Pig Iron, total sales, tons.....	1,286,000	935,000	945,000	1,102,000
Value of same.....	\$17,760,000	\$13,845,000	\$15,830,000	\$20,160,000
Manufactured Iron received, tons.....	174,000	121,000	134,000	194,000
Value of same.....	\$6,970,000	\$4,365,000	\$5,361,000	\$8,138,000
Coal received, bushels.....	70,143,000	76,500,000	80,600,000	75,000,000
Value of same, first hands.....	\$4,210,000	\$4,970,000	\$6,247,000	\$5,730,000
Whisky produced and received, gallons.....	20,600,000	27,800,000	26,300,000	24,800,000
Value of same.....	\$25,600,000	\$34,300,000	\$31,900,000	\$30,900,000
Beer and Ale made, gallons.....	41,500,000	39,100,000	41,000,000	41,881,000
Value of same.....	\$8,000,000	\$7,500,000	\$8,200,000	\$8,400,000
Leaf Tobacco received at warehouses, hhds.....	80,500	76,600	67,500	85,000
Leaf Tobacco, cases received.....	30,200	35,600	31,600	30,000
Value of Leaf Tobacco.....	\$10,500,000	\$10,750,000	\$11,800,000	\$10,300,000
Petroleum, total sales, barrels.....	1,180,000	1,754,000	1,803,000	1,605,000
Value of same.....	\$4,840,000	\$6,140,000	\$6,312,000	\$7,220,000
Lumber received, cars.....	36,500	29,900	35,300	39,500
Value of same.....	\$14,590,000	\$11,980,000	\$14,125,000	\$15,800,000
Lead received, tons.....	20,800	20,500	29,600	23,900
Value of same.....	\$1,300,000	\$1,260,000	\$2,135,000	\$1,960,000
Hay received, tons.....	99,000	98,000	100,000	126,000
Value of same.....	\$1,260,000	\$1,075,000	\$1,260,000	\$1,420,000
Wool received, bales.....	26,300	52,300	55,500	68,600
Value of same.....	\$975,000	\$2,040,000	\$2,852,000	\$2,800,000
Leather manufactured, value.....	\$5,000,000	\$4,500,000	\$4,500,000	\$5,000,000
Leather received, bundles.....	86,300	74,400	66,200	64,500
Value of same.....	\$3,455,000	\$2,440,000	\$2,217,000	\$2,386,000
Boots and Shoes manufactured, value.....	\$8,500,000	\$7,500,000	\$7,250,000	\$8,000,000
Boots and Shoes received, cases.....	210,600	229,400	279,000	267,100
Value of same.....	\$6,530,000	\$5,735,000	\$6,976,000	\$6,676,000
Coffee received, bags.....	243,000	216,000	250,000	277,000
Value of same.....	\$6,070,000	\$5,460,000	\$6,746,000	\$7,200,000
Sugar received, barrels.....	287,000	284,000	249,000	282,000
Value of same.....	\$4,385,000	\$4,320,000	\$3,483,000	\$3,943,000
Groceries, sales.....	\$19,250,000	\$18,900,000	\$20,450,000	\$18,590,000
Starch manufactured, pounds.....	28,600,000	28,400,000	22,100,000	29,000,000
Value of same.....	\$820,000	\$805,000	\$735,000	\$1,070,000
Soap shipped, boxes.....	1,287,000	1,266,000	1,063,000	1,067,000
Value of same.....	\$6,400,000	\$6,330,000	\$5,316,000	\$5,335,000
Meats shipped, pounds.....	107,300,000	80,500,000	68,250,000	130,000,000
Value of same.....	\$6,840,000	\$6,500,000	\$6,905,000	\$9,000,000
Carriages manufactured, value.....	\$9,500,000	\$9,000,000	\$8,000,000	\$11,000,000
Furniture manufactured, value.....	\$7,500,000	\$7,000,000	\$9,000,000	\$10,000,000
Machinery manufactured, value.....	\$6,000,000	\$5,500,000	\$6,000,000	\$6,500,000
Safes, etc., manufactured, value.....	\$3,750,000	\$3,500,000	\$3,750,000	\$4,000,000
Harness, etc., manufactured, value.....	\$3,500,000	\$3,000,000	\$3,500,000	\$3,750,000

Prior to 1893 there was a long period of advancement and prosperity in business operations in this locality. The shrinkage that has since resulted has been

important, but has not been peculiar to this community, for industrial affairs here have not suffered more than in other large centers, while in fact the comparison has been a favorable one in most instances.

In the survey of prices it is evident that the general average for leading products was not greatly changed during the past year, the declines in certain lines being apparently balanced by advances in others; taken as a whole there was probably a small gain, indicating that the general tendency toward lower values has practically terminated. The higher averages for the year in comparison with the preceding year include Flour, Wheat, Cattle, Sheep, Leather, Hides, Cotton, Iron, Illuminating Oil, Hay, etc. The reduced average in prices include Corn, Oats, Hogs and Hog Product, Dairy Products, Green Apples, Potatoes, Wool, Leaf Tobacco, etc.

A detailed exhibit is herewith presented in comprehensive form, representing annual average prices of standard grades of the products mentioned, in this market, according to records of the Chamber of Commerce, for the calendar years 1895, 1894 and 1893, and previously for commercial years ending August 31:

ARTICLES.	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885
Flour, spring family.....	2.79	2.47	2.95	4.20	4.60	3.84	4.49	3.88	3.70	4.10	4.26
Flour, winter family.....	2.72	2.10	2.30	3.65	4.04	3.29	4.03	3.52	3.46	4.05	3.88
Wheat.....	66	54	64	90	99	83	93	85	80	88	89
Corn.....	41	45	44	48	60	36	37	52	40	39	47
Oats.....	27	35	32	33	48	27	26	38	29	30	32
Mess Pork.....	12.25	13.80	18.50	10.51	10.72	11.29	13.13	14.55	13.74	10.04	12.74
Hams, sugar-cured.....	9.94	10.73	13.39	10.61	10.18	10.81	11.56	11.23	11.48	10.14	10.70
D. S. Short Rib Sides.....	5.90	7.03	9.38	6.47	5.72	5.19	6.82	7.75	7.17	5.52	6.65
Lard.....	6.41	7.51	10.00	6.47	6.11	5.94	7.41	7.64	6.56	6.13	6.87
Butter, creamery.....	17.13	18.92	25.00	23.92	22.89	20.81	22.01	23.99	24.52	20.07	25.34
Butter, dairy.....	10.54	12.88	19.00	16.33	14.98	13.50	14.66	17.49	18.82	14.12	16.45
Cheese, factory.....	9.00	9.75	10.18	10.17	9.60	9.00	9.69	10.39	11.19	9.41	9.24
Eggs.....	13.79	12.41	16.30	15.77	16.30	13.54	13.50	15.84	14.60	13.58	16.59
Sugar, hards.....	5.03	5.06	5.64	4.89	6.12	7.39	8.49	7.40	6.51	7.16	7.00
Molasses, New Orleans.....	28.97	32.11	33.27	34.31	34.60	40.39	41.21	41.50	42.31	43.08	48.70
Rice, Louisiana.....	4.31	4.93	4.31	5.01	5.38	5.11	5.06	5.54	4.68	5.16	5.94
Coffee, Rio.....	20.52	20.76	20.52	18.55	20.87	20.81	18.37	18.99	16.79	10.20	10.88
Dried Peaches.....	7.40	5.65	4.88	2.74	8.16	3.11	2.82	6.97	5.58	3.20	7.29
Dried Apples.....	4.52	5.55	5.04	3.40	9.07	3.72	3.01	6.03	3.99	2.40	3.81
Green Apples.....	2.02	3.30	2.90	2.14	3.49	2.82	1.54	2.20	2.59	1.35	2.15
Potatoes.....	1.56	2.08	2.30	1.45	2.99	1.67	1.30	2.74	1.69	1.54	1.59
Beans.....	1.85	1.79	1.99	1.93	2.23	1.93	1.94	2.46	1.62	1.50	1.50
Cattle.....	3.85	3.35	3.61	3.17	3.28	2.90	2.84	3.04	2.98	3.24	3.53
Sheep.....	3.30	3.10	4.20	4.79	4.83	4.84	4.46	4.58	4.10	4.13	3.99
Hogs.....	4.35	5.10	6.90	3.90	3.64	3.74	5.15	5.18	4.28	3.82	4.44
Leather.....	26.60	22.44	23.84	26.87	27.70	27.82	29.49	29.25	30.78	29.46	29.87
Hides.....	6.02	3.66	4.00	4.66	5.75	6.77	7.00	7.98	9.17	9.70	9.22
Wool.....	18.53	19.60	25.70	25.87	29.67	30.15	29.55	27.37	31.10	30.07	28.62
Cotton.....	7.04	6.93	8.38	7.60	9.25	11.04	10.24	9.83	9.72	9.17	10.42
Leaf Tobacco.....	9.40	10.05	11.85	9.75	9.00	9.25	10.25	15.00	10.80	8.00	9.50
Pig Iron.....	12.87	11.60	14.00	15.62	16.35	17.65	16.97	18.98	20.54	17.96	17.33
Coal, delivered.....	9.00	9.11	11.04	10.33	10.24	9.89	9.95	13.96	11.04	10.05	10.91
Lead.....	3.12	3.07	3.60	4.14	4.44	3.94	3.82	4.42	4.30	4.50	3.65
Nails.....	1.63	1.20	1.36	1.66	1.84	2.26	1.87	1.97	2.24	2.26	2.18
Illuminating Oil.....	7.87	6.25	6.25	6.32	7.82	8.38	8.19	8.16	8.04	8.65	8.93
Lard Oil.....	55	64	86	54	52	57	68	61	55	51	58
Linseed Oil.....	51	50	45	37	53	59	57	50	40	41	49
Candles.....	8.04	8.31	8.97	9.08	8.46	8.50	9.14	8.42	8.09	10.25	12.62
Turpentine.....	32.30	33.21	34.35	35.74	41.06	44.94	45.46	39.29	37.93	37.50	33.24
Hay.....	12.70	10.95	12.55	11.25	10.58	10.56	12.74	14.79	11.17	12.16	12.81

NOTE.—Flour, Pork, Green Apples and Potatoes, dollars per barrel; Wheat, Corn, Oats, Beans and Coal, cents per bushel; Hams, Sides, Lard, Butter, Cheese, Sugar, Rice, Coffee, Dried Peaches, Dried Apples, Leather, Hides, Wool, Cotton, Tobacco, Lead and Candles, cents per pound; Cattle, Sheep and Hogs, dollars per 100 pounds; Molasses, Oils and Turpentine, cents per gallon; Iron (No. 1 Stone Coal) and Hay, dollars per ton; Eggs, cents per dozen; Nails, dollars per keg. Prices of Leaf Tobacco and some other articles represent the general average. For Pork Hams Sides and Lard the quotations are for years ending October 31.

## GRAIN.

The receipts of Grain at Cincinnati for the year 1895 were smaller in the aggregate than in the preceding year, a decrease occurring in Wheat, Corn and Barley, and an increase in Oats and Rye. Excepting the movement in 1894, however, the aggregate was larger in 1895 than in any previous year, the curtailment the past year being due to crop shortages in this region.

The Chamber of Commerce records show an aggregate movement of 25,348,000 bushels of all kinds of Grain at this point for the year, of which 17,841,000 bushels represented the quantity for local distribution, and 7,507,000 bushels for through shipment. The local receipts have averaged a total of 16,023,000 bushels annually for a period of ten years prior to 1895, which average was exceeded in the receipts the past year 11 per cent.

Of Wheat the local receipts for the year were 2,030,000 bushels, compared with 2,400,000 in 1894, and an annual average of 2,104,000 bushels for a period of ten years prior to 1895. Of Corn the local receipts were 8,893,000 bushels, compared with 10,745,000 bushels in 1894, and an annual average of 6,811,000 bushels for a period of ten years. Of Oats the receipts were 5,418,000 bushels, compared with 4,479,000 bushels in 1894, and an annual average of 4,854,000 bushels for a period of ten years. Of Barley the receipts were the smallest in twenty-five years, 1,066,000 bushels, compared with 1,310,000 bushels in 1894, and an annual average of 1,752,000 bushels for a period of ten years. Of Rye the receipts were 433,000 bushels, compared with 417,000 bushels in 1894, and an annual average of 502,000 bushels for a period of ten years.

The yield of Wheat in the region most directly tributary to this market was much reduced in 1895, compared with previous years, to which fact is due the lessened receipts. For the four States of Ohio, Indiana, Illinois and Kentucky, the total production of Wheat in 1895, as officially estimated, was 81,000,000 bushels, compared with 136,000,000 in 1894, 101,000,000 in 1893, 118,000,000 in 1892, and 146,000,000 in 1891. It thus appears that the receipts at Cincinnati were relatively well maintained, when this striking shortage in the tributary production in 1895 is considered. Of course it will be understood that the earlier portion of the year had the benefit of more liberal supplies from the preceding harvest.

No. 2 Red Winter Wheat ranged at 53@90 cents per bushel for the year, averaging 66 cents, which compares with an average of 54 cents for 1894, and 64 cents for 1893. The lowest point in the market was in the first month of the year; the highest range was reached in June. For a period of ten years prior to 1895 the annual average price was 82 cents.

The Wheat market was without much change in January and February, subsequently displaying an advancing tendency, which culminated in the first half of June. On the movement of new grain there was quite a decline late in August, continuing several weeks, and followed by subsequent improvement. The range from July to December, inclusive, was 63@71 cents, the year closing at 66½ cents, compared with 54½ in 1894, and 59 in 1893.

Cincinnati is not an especially important milling point, but this market does

a liberal distribution of Wheat for mills in the interior, especially northward, eastward and southward.

The reduced offerings of Winter Wheat in this region since the movement of the late crop began rendered it necessary for some of the mills to secure Western grown Wheat from Chicago, and to a considerable extent Spring Wheat has been used by concerns heretofore confining their manufacture exclusively to the winter grain. This seemed to be the only means for maintaining operations, the unmarketed portion of the winter grain being held at prices which precluded its use without loss.

No. 2 Mixed Corn (shelled) ranged at 25½@56 cents per bushel, the highest price occurring in May, and the lowest in December. The average for the year was 41 cents, compared with 45 cents in 1894, and 42 cents in 1893. Mixed Ear Corn ranged at 24½@56 cents, averaging 41 cents, compared with 45 cents in 1894, 44 cents in 1893, and an annual average of 44½ cents for a period of ten years prior to 1895.

The general course of the Corn market in the first half of the year was moderately upward, gaining about 10 cents per bushel. From July the tendency was almost steadily downward, under influence of more liberal offerings of old crop grain than had been looked for, and also the favorable promise of the growing crop, which proved to be of exceptionally large proportions.

For the four States of Ohio, Indiana, Illinois and Kentucky, the official estimates of production of Corn indicate a total of 563,000,000 bushels for 1895, 396,000,000 for 1894, 378,000,000 for 1893, 421,000,000 for 1892, and 535,000,000 for 1891.

No. 2 Mixed Oats ranged at 19@34½ cents per bushel, the average for the year being 27 cents, compared with 35 cents in 1894, and an annual average of 32½ cents for ten years prior to 1895. Prices were without striking changes during most of the first half of the year, the highest point occurring in June, the lowest in October, with the position but slightly changed thereafter up to the close of the year.

While the total crop of Oats in 1895 was officially estimated to have exceeded 1894 by nearly 25 per cent., it appears that the yield in the four States of Ohio, Indiana, Illinois and Kentucky was considerably deficient in the comparison, the decrease occurring in Indiana and Illinois—the total for the four States being 144,000,000 bushels in 1895, compared with 184,000,000 in 1894, 156,000,000 in 1893, 141,000,000 in 1892, and 169,000,000 in 1891.

No. 2 Rye sold at a range of 40@75 per bushel, averaging 53 cents for the year, compared with 52 cents in 1894, 55 cents in 1893, and an annual average of 61 cents for a period of ten years prior to 1895.

Extra No. 3 Spring Barley sold within the range of 55@59 cents for the earlier portion of the year, prior to movement of new grain, subsequently declining largely, the year closing at 30@37 cents; average for the year 51½ cents. Extra No. 3 Fall Barley varied but moderately from the price of Spring, ranging at 54@58 cents in the earlier portion of the year, and toward the close declining to 31@35 cents; average for the year 51 cents.

Spring Barley Malt sold at 55@70 cents per bushel, mostly at 65@70 cents,

during a large part of the year, declining to 48@55 cents toward the close; average for the year 64 cents, compared with 60 cents in 1894, and 62 cents in 1893.

As has been previously observed, the dealers in this market transact a large business in Grain for direct movement to destination points, which volume of operations is not reflected in the statistics of our Chamber of Commerce.

Extending the survey of the Grain trade to other than local conditions, it may be mentioned that the cash price of Spring Wheat reached a lower point at Chicago in 1895 than in any previous year embraced within available records, which go back to 1859, thus covering a period of thirty-seven years. The year's range was 48½@85½ cents, averaging 62½ cents. The low point was in January. Subsequent changes were more or less striking, and under some alarm concerning the promise of the winter crop, attended with speculative conditions in the market, the cash price reached 85½ cents in May. The year's average was 62½ cents, compared with 57½ cents for 1894, and an annual average of 80½ cents for ten years prior to 1895.

The Grain crops of the United States harvested in 1895 were abundant, and in the aggregate the official estimates represent a quantity somewhat in excess of any previous year, and 21½ per cent. more than the annual average for a period of ten years previous to 1895. The Wheat crop was officially estimated at 467,000,000 bushels, which probably more nearly approaches the actual production than any of the official estimates of this crop for five years previously. The Corn crop was 2,151,000,000 bushels, being slightly in excess of the large crops of 1889 and 1891, and 25 per cent. more than the annual average for ten years previous to 1895. The Oats crop was 824,000,000 bushels, the largest on record, and 25 per cent. more than the annual average for ten years previously. The Barley crop was 87,000,000 bushels, the largest on record, and compares with 67,000,000 as the annual average for ten years previously. The Rye crop was 27,000,000 bushels, which corresponds with the annual average for ten years previously. The Buckwheat crop was 15,000,000, compared with 12,000,000 as the annual average for ten years previously.

The world's production of Wheat in 1895 was of large proportions, although not fully equaling the exceptional total of the preceding year. Official and commercial estimates for the various countries furnish the basis of the accompanying tabulation for a series of years. For the United States the official estimate for 1895 is adopted, but for the previous five years the figures represent unofficial estimates, considerably in excess of the official returns:

GENERAL DIVISIONS, ETC.	1895	1894	1893	1892	1891	1890
United States .....	467,000,000	515,000,000	475,000,000	550,000,000	675,000,000	430,000,000
Canada .....	57,000,000	44,000,000	43,000,000	50,000,000	62,000,000	44,000,000
Mexico .....	14,000,000	18,000,000	15,000,000	14,000,000	15,000,000	12,000,000
Total, North America .....	538,000,000	577,000,000	533,000,000	614,000,000	752,000,000	486,000,000
South America .....	85,000,000	105,000,000	81,000,000	55,000,000	53,000,000	37,000,000
Europe .....	1,443,000,000	1,521,000,000	1,514,000,000	1,410,000,000	1,202,000,000	1,360,000,000
Asia .....	405,000,000	425,000,000	482,000,000	359,000,000	407,000,000	375,000,000
Africa .....	49,000,000	55,000,000	38,000,000	40,000,000	47,000,000	48,000,000
Australia .....	32,000,000	43,000,000	42,000,000	37,000,000	34,000,000	39,000,000
Aggregates, bushels.....	2,552,000,000	2,726,000,000	2,640,000,000	2,515,000,000	2,495,000,000	2,346,000,000

This exhibit of increasing and large production of Wheat in late years is consistent with the known plentifulness in the markets of the world, which, with the lowering cost of production and of transportation, and plentifulness and cheapness of other food products, have had an influence in reducing the market values of Wheat and its products, in comparison with conditions in earlier years.

The world's cereal production in 1895, in bushels, was approximately as follows : Wheat, 2,550,000,000; Corn, 2,600,000,000; Oats, 2,690,000,000; Rye, 1,350,000,000; Barley, 875,000,000—in all, 10,065,000,000 bushels.

The consumption of Wheat in the United States for all purposes in late years has evidently been about  $4\frac{3}{4}$  bushels per capita. For the current year, however, the absorption of Wheat by animals will be of no significance, and  $4\frac{3}{4}$  bushels will probably fully represent the average consumption. This rate applied to population figures would represent a total of 322,000,000 bushels, which, with 53,000,000 for seeding, would imply a total of 375,000,000 bushels as the year's requirements. This would leave 85,000,000 bushels from the crop of 1895 for exportation, additional to the surplus available of previous production.

The yearly exportation of Wheat (including flour) and Corn, for years ending June 30, is shown in the following exhibit, representing bushels:

YEARS.	WHEAT.	CORN.	YEARS.	WHEAT.	CORN.
1879-80.....	180,934,000	98,170,000	1887-88.....	119,625,000	24,278,600
1880-81.....	186,475,000	91,908,000	1888-89.....	88,601,000	69,593,000
1881-82.....	122,598,000	43,185,000	1889-90.....	109,430,000	101,974,000
1882-83.....	148,765,000	40,587,000	1890-91.....	106,181,000	30,768,000
1883-84.....	111,534,000	27,648,000	1891-92.....	225,666,000	75,452,000
1884-85.....	132,570,000	51,824,000	1892-93.....	191,912,000	46,035,000
1885-86.....	94,566,000	63,653,000	1893-94.....	164,288,000	65,325,000
1886-87.....	153,605,000	40,307,000	1894-95.....	144,812,000	27,691,000

For the current year, ending June 30, 1896, the exports of Wheat will probably be about 125,000,000 to 130,000,000 bushels, and of Corn fully 100,000,000 bushels.

Lowest, highest and yearly average prices of No. 2 Spring Wheat, No. 2 Corn, and No. 2 Oats (cash), at Chicago, for years indicated:

YEARS.	WHEAT.			CORN.			OATS		
	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
1884.....	69 $\frac{1}{2}$	96	82 $\frac{7}{8}$	34 $\frac{1}{2}$	87	51 $\frac{1}{4}$	24 $\frac{1}{2}$	34 $\frac{1}{2}$	29 $\frac{1}{2}$
1885.....	73 $\frac{3}{4}$	91 $\frac{3}{4}$	88 $\frac{1}{4}$	34 $\frac{1}{2}$	49	45 $\frac{1}{2}$	24 $\frac{1}{2}$	36 $\frac{1}{2}$	28 $\frac{1}{2}$
1886.....	69 $\frac{1}{2}$	84 $\frac{3}{4}$	76 $\frac{3}{4}$	33 $\frac{1}{8}$	45	37 $\frac{1}{2}$	22 $\frac{1}{2}$	35	27 $\frac{1}{2}$
1887.....	66 $\frac{1}{2}$	94 $\frac{3}{4}$	75 $\frac{3}{4}$	32 $\frac{1}{2}$	51 $\frac{1}{8}$	39 $\frac{1}{2}$	23 $\frac{1}{2}$	31 $\frac{1}{2}$	26 $\frac{1}{2}$
1888.....	71 $\frac{1}{2}$	200	88 $\frac{1}{4}$	33 $\frac{1}{2}$	61	46 $\frac{1}{2}$	23 $\frac{1}{2}$	27 $\frac{1}{2}$	23 $\frac{1}{2}$
1889.....	75 $\frac{1}{2}$	108 $\frac{3}{4}$	89 $\frac{1}{2}$	29 $\frac{1}{2}$	60	33 $\frac{1}{2}$	17 $\frac{1}{2}$	26 $\frac{1}{2}$	22 $\frac{1}{2}$
1890.....	74 $\frac{1}{4}$	108 $\frac{1}{4}$	89 $\frac{1}{2}$	27 $\frac{1}{2}$	53 $\frac{7}{8}$	39	19 $\frac{1}{4}$	45	31
1891.....	85	116	95 $\frac{1}{2}$	39 $\frac{3}{4}$	75 $\frac{1}{2}$	54 $\frac{1}{4}$	20 $\frac{1}{4}$	57 $\frac{1}{4}$	39
1892.....	69 $\frac{1}{2}$	91 $\frac{1}{4}$	78 $\frac{1}{2}$	36 $\frac{1}{2}$	100	44 $\frac{1}{2}$	27	35 $\frac{1}{2}$	30 $\frac{1}{2}$
1893.....	54 $\frac{1}{2}$	88	67 $\frac{1}{4}$	34 $\frac{1}{4}$	44 $\frac{1}{4}$	39 $\frac{1}{2}$	22	32	28 $\frac{1}{2}$
1894.....	50	65 $\frac{1}{4}$	57 $\frac{1}{2}$	34	59 $\frac{1}{2}$	43 $\frac{1}{4}$	27	50	30 $\frac{1}{2}$
1895.....	48 $\frac{3}{4}$	85 $\frac{3}{8}$	62 $\frac{1}{2}$	25	55 $\frac{1}{2}$	40 $\frac{1}{2}$	16 $\frac{1}{2}$	31 $\frac{1}{2}$	24 $\frac{1}{2}$

The following compilation, from the statistical reports of the United States Department of Agriculture, shows the yield per acre of Winter Wheat, Spring



Wheat, and total Wheat, Corn and Oats, in bushels, and estimated average value of these crops per acre, for years stated:

YEARS.	WHEAT		WHEAT, TOTAL.		CORN.		OATS.	
	Winter.	Spring.	Yield.	Value.	Yield.	Value.	Yield.	Value.
1886.....	12.3	12.6	12.4	\$8 54	22.0	\$8 06	26.4	\$7 87
1887.....	12.1	12.2	12.1	8 25	21.1	8 93	25.4	7 74
1888.....	11.6	10.3	11.1	10 30	26.2	8 94	25.9	7 24
1889.....	13.1	12.4	12.9	8 98	27.0	7 68	27.4	6 26
1890.....	10.9	11.4	11.1	9 28	20.7	10 48	19.8	8 40
1891.....	14.8	16.4	15.3	12 86	27.0	10 97	28.9	9 08
1892.....	13.8	12.5	13.4	8 35	23.1	9 09	24.4	7 78
1893.....	12.0	10.3	11.4	6 16	22.5	8 21	23.4	6 90
1894.....	14.0	11.6	13.2	6 48	19.3	8 90	24.5	7 10
1895.....	11.5	18.1	13.7	6 99	26.2	6 91	29.6	5 86

Statistical details relating to Grain appear on pages 113 to 130, inclusive. Exhibits of Grain production in the United States on pages 125 to 129, inclusive.

#### FLOUR.

The receipts of Flour in 1895 were larger than in any previous year excepting 1892. The aggregate was 1,892,000 barrels, compared with 1,475,000 barrels in 1894, 1,880,000 in 1893, and 1,904,000 in 1892. Shipments were 1,505,000 barrels, compared with 1,089,000 barrels in 1894, 1,435,000 in 1893, and 1,529,000 in 1892. A portion of this movement represents through shipments.

The local manufacture of Flour for the year, representing the output of six mills in and near the city, was 269,800 barrels, compared with 336,000 barrels in 1894, 305,000 in 1893, and 250,000 in 1892. The shutting down of the mill of largest capacity, which occurred in August, occasioned a curtailment of the year's exhibit of production for this locality.

The stock of Flour in this market on January 1, 1895, exclusive of the holdings of consuming concerns, was 50,483 barrels, and on January 1, 1896, the stock was 45,255 barrels. The supply and offerings were liberal all the year. The relatively high price of Winter Wheat, however, subsequent to the harvest period, had an influence in changing the relative price of Winter and Spring Wheat Flour, it being notable that the better grades of Winter Wheat Flour in the late months of the year sold at higher figures than similar grades of Spring Wheat Flour. This had the effect to enlarge the absorption of Spring Wheat Flour.

The course of prices tended upward from January to June, and thereafter downward until October, from which there was little change up to the close of the year. The outside range for Winter Family at the beginning of the year was \$2.10, and for Spring Family \$2.60; the highest point for the former was \$3.80, and for the latter \$3.70, in June; at the close of the year the outside price was \$2.80 for Winter, and \$2.70 for Spring. The year's average price of Winter Family was \$2.72, compared with \$2.10 in 1894, \$2.30 in 1893, \$3.10 in 1892, and an annual average of \$3.38 for ten years prior to 1895. The year's average for Spring Family was \$2.79, compared with \$2.47 in 1894, \$2.95 in 1893, \$3.70 in 1892, and an annual average of \$3.80 for ten years prior to 1895.

The baking industry in this city, including production for distribution by shipment to other localities, is conducted on a large scale by several establishments. The past year has shown some recovery in volume of business compared with the depressed condition in 1894, but the gain has hardly equaled the decline which preceded. The outlook, however, is regarded with confidence by the trade.

The exportation of Flour from the United States for the year ending June 30, 1895, was 15,269,000 barrels, compared with 16,860,000 in the preceding year, which was the largest yearly total recorded. The annual average for ten years prior to 1895 was 12,393,000 barrels. The average export valuation for 1894-95 was \$4.38 per barrel, compared with \$4.11 in 1893-94, and an annual average of \$4.66 for a period of ten years prior to 1894-95. The Flour exported in 1894-95, reckoned at  $4\frac{1}{2}$  bushels per barrel, was equal to 68,710,000 bushels of Wheat; the export clearances of Wheat for the year were 76,103,000 bushels—making a total of 144,813,000 bushels, of which Flour represented  $47\frac{1}{2}$  per cent. Nearly 58 per cent. of the year's exports of Flour were destined to the United Kingdom, other European countries representing  $8\frac{1}{2}$  per cent., and all other countries  $33\frac{1}{2}$  per cent.

Statistical details appear on pages 121 to 124, inclusive, and 168.

#### MILL FEED PRODUCTS.

The trade in Mill Feed was smaller in 1895 than for several years previously. Total receipts, 16,340 tons, compared with 23,000 tons in 1894, 17,900 tons in 1893, and 27,700 tons in 1892. These products are in variable demand, under influence of relative cheapness of corn, and of offerings of by-products from starch factories and distilleries in this vicinity.

Prices of Bran ranged at \$12.75@13.00 per ton in January, subsequent outside prices being \$15.00 in February, and \$15.50 in March and April, after which there was a decline to \$13.00 in May and June, followed by some recovery, reaching \$14.00@14.50 in August. The general tendency subsequently, under influence of lower values for corn, was downward, the year closing at \$10.25. The year's average was \$13.25 per ton, compared with \$13.15 in 1894, \$13.35 in 1893, and \$13.67 in 1892.

Prices of Middlings (fine) were \$13.50@14.00 per ton at the beginning of the year, ranging up to \$16.25@16.50 in April, and \$16.50@17.00 in August, closing the year at \$11.00. The year's average was \$14.60 per ton, compared with \$14.10 in 1894, \$14.76 in 1893, and \$15.11 in 1892.

Statistical details appear on pages 123, 124 and 150.

#### PROVISIONS.

Formerly the slaughtering of Hogs for commercial purposes was confined to the colder months, and thus the Provision trade year gained recognition as beginning on November 1, and statistics of this interest have been maintained in line with this plan. The larger part of slaughtering operations in late years has been accomplished by establishments which operate all the year. There are, however, some concerns who slaughter on a liberal scale, here and elsewhere, who confine their killing operations mostly to the winter months.

Statistics of Pork Packing have been compiled for periods of four winter months, ending March 1, and eight summer months, ending November 1—the yearly totals usually covering the period ending March 1, in the general comparisons. While this general report covers the year ending January 1, 1896, it is practicable to include packing statistics up to March 1, 1896, the preparation of the general report not being completed otherwise on this date.

For the eight months ending on November 1, 1895, the packing at Cincinnati represented 310,140 Hogs, the largest of any year for the summer season business; in 1894 the total was 271,055, which had not been previously equaled for the corresponding period. For the four winter months, ending March 1, 1896, the total packing was 249,640 Hogs, compared with 265,735 for the corresponding period in 1894–95. For ten years ending with 1894–95 the winter packing at Cincinnati averaged 280,000 Hogs, the largest number being 332,700; for ten years ending with 1884–85 the average was 496,000, the largest number being 632,300; for ten years ending with 1874–75 the average was 476,000, the largest number being 630,300; for ten years ending with 1864–65 the average was 425,000, the largest number being 608,500; for ten years ending with 1854–55 the average was 367,000, the largest number being 475,000; for ten years ending with 1844–45 the average was 176,000, the largest number being 250,000.

The total summer and winter packing for the year ending March 1, 1896, was 559,780 Hogs, making it the largest yearly total in fifteen years; for the preceding year the total was 536,790. Summer packing operations had no significance prior to 1872.

The extent of the curing business here at Cincinnati is not reflected by the slaughtering of Hogs, a large amount of green product being received from various Western points, in late years. Twenty years ago the annual receipts of Meats were 20,000,000 to 25,000,000 pounds; for the year ending November 1, 1895, they were 92,000,000 pounds, having reached 103,000,000 in 1891.

The course of prices of Hogs in this market for year ending November 1, 1895, is indicated in the following monthly averages of packing grades, per 100 pounds:

November, 1894.....\$4 45	February.....\$4 20	May .....\$4 55	August .....\$4 65
December..... 4 35	March..... 4 50	June..... 4 50	September..... 4 25
January, 1896..... 4 25	April..... 4 95	July..... 5 00	October..... 3 95

The general average for the year was about \$4.45, compared with \$5.25 for the preceding year. The highest range was reached in July, at \$5.35 for packing qualities, and \$5.60 for extra light stock.

Dry Salted Short Rib Sides during the winter season of 1894–95 had a declining tendency almost steadily, from \$6.50 per 100 pounds in November to \$5.25 in February. Subsequently there was some recovery, the March price averaging about \$5.75, April about \$6.30, with moderate changes subsequently until August, when prices suffered a decline to \$5.75, from which there was some reaction for a brief time, followed by a downward course, to \$4.75 at the end of October. The year's average was \$5.90, compared with \$7.03 in 1894. Prices of leading articles of product from week to week, and annual averages, will be found in detail elsewhere in this report.

The following compilation shows the average price of the various articles of Hog Product in this market for years ending October 31, 1895, 1894 and 1893; the average price for ten years ending with 1894; the lowest yearly and highest yearly averages within the period of ten years:

ARTICLES.	12 Months to Oct. 31, 1895	12 Months to Oct. 31, 1894	12 Months to Oct. 31, 1893	10 Years, ending 1894.	Lowest Average, 10 Years.	Highest Average, 10 Years
Meas Pork.....	\$12 26	\$13 29	\$18 50	\$12 74	\$10 19	\$18 50
D. S. Short Rib Sides.....	5 90	7 08	9 38	6 73	5 23	9 38
D. S. Shoulders.....	5 07	6 22	8 89	5 57	4 25	8 89
Bacon, S. R. Sides.....	6 47	7 71	10 34	7 41	5 96	10 34
Bacon, S. C. Sides.....	6 77	8 18	11 19	7 77	6 16	11 19
Sugar-cured Hams.....	9 94	10 73	13 39	11 04	10 07	13 39
Lard, winter prime steam.....	6 41	7 51	10 00	7 06	5 96	10 00

The shipments of Meats for the year were 104,600,000 pounds, compared with 74,900,000 pounds in 1894, 71,600,000 pounds in 1893, and 122,000,000 pounds in 1892.

While the trade at Cincinnati has had the satisfaction of doing an enlarged business the past year, there is against this the manifest fact that the result has not been satisfactory with reference to profits. Taken as a whole the year has not made a return on the side of profit. Such houses as have held trade by the high reputation of their brands have nevertheless been obliged to meet prices fixed by conditions otherwise. The competitive influence of supply depots located in distributing markets by the larger Western concerns, with offerings of product in small quantities at prices practically as low as accepted for large orders, has made it increasingly difficult for other curers to maintain business with profitable results.

The records of the Pork Packing industry in the West show a decrease in number of Hogs slaughtered in both the summer and winter seasons, for the year ending March 1, 1896, the total number reaching 15,010,000, compared with 16,003,000 for the preceding year, which with one exception was larger than recorded for any other year. The past year's total is 12½ per cent. greater than the annual average for a period of ten years previously. The largest yearly packing was in 1890-91, when the total reached 17,713,000 Hogs, or 2,703,000 more than is recorded for the past year.

Twenty-five years ago, and previously, all Hog slaughtering operations for packing purposes were confined to the colder months of the year. In 1872 an unimportant number of Hogs, half a million, were slaughtered in the warm months, the use of ice serving to facilitate such operations. Subsequently chilling methods in various forms were introduced, and in later years all the larger establishments have been equipped with refrigerating apparatus, by which the packing industry is conducted continuously irrespective of varying temperature.

In late years the number of Hogs handled in the summer seasons has exceeded that of the winter seasons—but this comparison is limited to a period of less than ten years. In the past seven years the total of summer packing has averaged 1,250,000 Hogs in excess of the number for winter seasons.

Fourteen years ago fifteen points represented 59 per cent. of the entire Western packing. For the past year these fifteen points represent 90 per cent., the aggre-

gate for the West reaching 15,010,000 Hogs—all points exclusive of the fifteen having killed a total number smaller than in 1881-82, when the year's aggregate was 10,551,000.

These illustrations suggest the force of economies commanded by the larger concerns, giving them ability to more successfully compete with the smaller operators. Under such conditions the trade has been extended in the larger centers, and has been lessening elsewhere.

When the summer season began in March, 1895, the prevailing expectation was that the marketable number of Hogs for the eight months would be largely reduced. The special investigation instituted by the *Cincinnati Price Current* resulted in an indication of about 10 per cent. decrease, compared with the exceptionally large supply in 1894. This information was well supported by the reported marketings. Under the influence of drought, apprehensions concerning maladies, and fear of serious decline in values, the movement in many localities was hastened in the latter part of the season, notably in October, when the movement exceeded that of the corresponding month in any previous year, and as a result the records of packing indicated a smaller reduction than otherwise would have been shown. The decrease in Western packing was 617,000, or 7 per cent. The total number killed in the West during the eight months was 8,195,000 Hogs. This had been equaled previously only in 1894 and 1890.

With the opening of the winter season in November there was remaining considerable evidence of losses of Hogs by maladies in portions of the West, and opinions based upon careful inquiry were at much variance as to probable supplies for the winter. The winter closed with a total of 6,815,000 Hogs for the West for the four months, falling short 375,000, compared with the preceding year. The significance of the large October movement in its curtailment of the number for the winter months was manifestly not fully recognized in the early calculations.

The winter was favorable for feeding operations, and with plentifulness of cheap corn and other material animals were more generally brought into good weight than was the case the preceding year, so that, as was anticipated, an increase in the general average is shown, which is 8 pounds per Hog. This gain brings the total weight closely up to the preceding year, the difference being 2 per cent. The average yield of Lard was nearly 2 pounds per Hog in excess of the preceding year. The average cost of Hogs was reduced 60 cents per 100 pounds.

Western packers paid out the sum of \$81,850,000 during the summer season, and \$60,418,000 during the winter months, for Hogs, making an aggregate of \$142,268,000 for the year. The average cost of Hogs during the summer was \$4.41 per 100 pounds, compared with \$4.28 the previous winter season, and \$4.98 for the summer of 1894. For the past winter the average cost was \$3.68.

The Eastern packing and marketing of Hogs for the year was 5,470,000, representing a cost of about \$53,000,000, which, with the Western packing, makes a total of \$195,000,000 paid out during the year for Hogs represented in the records of marketings.

An interesting feature of the general report of packing in the West is the result of the investigation concerning stocks of product on hand on March 1, at all Western points. In Barreled Pork the total stock varies but little in com-

parison with a year ago, Lard indicates an increase of 78,000 tierces, and Meats of all kinds otherwise than Barreled Pork a decrease of 84,000,000 pounds. This reduction in Meats represents 13,000,000 pounds for Hams, 12,000,000 pounds for Shoulders, and 59,000,000 pounds for Sides and other cuts.

An examination of the evidences of distribution of product discloses a favorable comparison for Meats, for both the summer and winter seasons of the past year. Taking the total stock on March 1, last year, on November 1, and on March 1 this season into consideration, with the reports of production and exports, the indicated domestic absorption of Meats from commercial product was 1,327,000,000 pounds for the eight months of the summer season, and 621,000,000 for the four months of the winter season, compared with 1,222,000,000 for the preceding summer season, and 603,000,000 for the preceding winter season. These quantities represent a total of 1,948,000,000 pounds for the past year, compared with 1,825,000,000 for the preceding year. This indicates a gain of 105,000,000 pounds for the summer season, 18,000,000 for winter months, and 123,000,000 for the year, in comparison with the preceding year.

Corresponding deductions in regard to Lard disclose a decided decrease in the domestic absorption of this article for the year. Comparisons are shown in the following table, representing tierces:

KINDS.	1895-96	1894-95	1893-94	1892-93
Domestic.....	390,000	496,000	495,000	423,000
Exports.....	1,503,000	1,470,000	1,130,000	1,306,000
Totals.....	1,893,000	1,966,000	1,625,000	1,729,000

Comparisons of the annual commercial supplies of Hogs are shown in the following compilation by the *Cincinnati Price Current*, exhibiting the number of Hogs packed in the West and the East, with receipts at New York, Philadelphia and Baltimore, for years ending March 1:

LOCALITIES.	1895-96	1894-95	1893-94	1892-93	1891-92	1890-91	1889-90
Packed in the West.....	15,010,000	16,003,000	11,605,000	12,390,000	14,457,000	17,713,000	13,545,000
Packed at Boston.....	1,290,000	1,748,000	1,578,000	1,784,000	1,514,000	1,266,000	1,141,000
Other New England packing..	677,000	698,000	585,000	649,000	691,000	673,000	621,000
Packed at Buffalo.....	463,000	475,000	402,000	455,000	407,000	457,000	466,000
Other Eastern packing.....	173,000	178,000	136,000	128,000	159,000	144,000	110,000
Receipts—New York, Phila- delphia and Baltimore.... }	2,867,000	2,517,000	2,483,000	2,790,000	3,684,000	3,713,000	3,023,000
Totals.....	20,480,000	21,619,000	16,789,000	18,196,000	20,912,000	23,966,000	18,906,000

Exact data as to domestic consumption of Hog Product in the United States can not be presented, but close calculations can be made, based on statistics indicating supply and exportation of product. Such information points to an average per capita rate of consumption reaching 55 to 57 pounds of Meats, in recent years, and about 8 pounds of Lard. This rate of consumption of swine flesh is not approached by any other country, and it is evident that no animal food product in general use can be shown to be more free from unwholesomeness.

The systematic collection of information relating to the Pork Packing industry was inaugurated in this city, by the *Cincinnati Price Current*, forty-seven

years ago ; while other efforts were later made in the same field, and maintained for a brief time, they were ultimately abandoned, and this city for many years has had the sole distinction of furnishing such information in a specific form. For twenty-four years this statistical work has been performed by the present editor of the Cincinnati journal mentioned, who, since his appointment in 1891, has also been the Superintendent of the Chamber of Commerce.

Statistical details of Provision trade interests on pages 132 to 149, inclusive.

#### LIVE STOCK.

The total receipts of Live Stock at Cincinnati in 1895, at the stock yards, were enlarged in comparison with the preceding year, the gain being in Hogs and Cattle, while there was some decrease in number of Sheep received. The aggregate was 1,746,000, represented by 926,000 Hogs, 192,000 Cattle, and 628,000 Sheep. For the preceding year the total was 1,690,000; in 1893, 1,714,000. The past year's total was  $4\frac{1}{2}$  per cent. larger than the annual average for ten years previously.

The course of the Hog market was irregularly toward lower prices the first two months of the year, with subsequent changes upward until the latter part of April, when quotations were again easier, although the decline which resulted was not very striking. In July there was some recovery, but from August to the end of October there was a general tendency downward, which to some extent was continued in the following two months. The general average price of packing grades for the entire year was about \$4.35 per 100 pounds, compared with \$5.10 for 1894. Extreme prices for the better lots offering usually range 10@15 cents per 100 pounds above the average for packing grades.

The Cattle market was generally satisfactory the larger part of the year. Prices had an advancing tendency the first four months, but in June there was a reaction, followed by a moderate improvement in July, which was well held until October, when prices weakened, and at the close of the year were lower than at the beginning. The outside quotation for the better class of butchers' stock was \$4.50 per 100 pounds at the opening of the year; the middle of subsequent months the outside figures were as follows: February, \$4.65; March, \$5.10; April and May, \$5.35; June, \$4.85; July, August and September, \$5.00; October, \$4.65; November, \$4.25; December, \$4.00. These prices represent an average of \$4.80, and compare with \$3.85 as the general average for medium grades, the latter comparing with \$3.35 for 1894, and an annual average of \$3.20 for a period of ten years prior to 1895.

The Sheep trade was attended with somewhat better prices than in the preceding year, but nevertheless lower than usual in former years. The average of the range of good to extra quality for the year was \$3.30 per 100 pounds, compared with \$3.10 in 1894, and an annual average of \$4.30 for ten years prior to 1895. The extreme range reached \$4.50@4.75 early in the year, and at the close was \$3.75.

The total value of Live Stock handled at the stock yards in this city in 1895 was about the same as for the preceding year, representing fully \$16,000,000.

The receivers of Live Stock at Cincinnati feel that they are not fairly treated in transportation rates from points in territory naturally tributary to this market—Ohio, Indiana and Illinois especially. They have thus failed to receive stock

which has gone to Chicago and to Eastern markets, which would have come here on rates not relatively higher than in the directions mentioned. This condition is unfortunate not only for the commission men but for the packing industry in this city. The trade has been maintained through enlargement of receipts from Southwestern Kentucky, Tennessee, Georgia, Alabama, etc., from which regions there has been a growing business.

The Live Stock trade at Cincinnati is well-equipped in every way. The market is provided with splendid stock yards, and facilities for the disposition of stock. The commission houses are alert to every feature of interest, and the market is unsurpassed as one of reliability. The only feature operative against an important expansion in business appears to lie in the transportation question, alluded to above. When this can be remedied this market will naturally make an important advance, to the advantage of the shipping and receiving interests, and likewise the packing industry. The killing of Cattle and Sheep is now carried on here to a considerable extent for commercial purposes.

The following, compiled from daily records of the Chamber of Commerce, shows the extreme range of prices of Live Hogs in this market, per 100 pounds, monthly, for a period of twelve years. Ordinarily the average paid for good packing lots is 10@15 cents below the higher range, and at times the difference is 20@25 cents, per 100 pounds:

MONTHS.	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884
January.....	\$3 50 4 70	\$4 50 5 70	\$6 10 8 10	\$3 50 4 65	\$3 00 3 85	\$3 25 4 00	\$4 00 5 25	\$3 80 5 85	\$3 70 5 30	\$3 10 4 30	\$3 50 5 10	\$4 25 6 70
February.....	3 40 4 75	4 50 5 50	6 50 8 75	3 50 5 10	3 00 4 10	3 50 4 45	4 00 5 10	4 00 5 85	4 20 5 90	3 20 4 55	3 65 5 60	4 75 7 75
March.....	3 65 5 25	4 00 5 35	6 00 8 25	3 40 5 05	3 25 5 15	3 50 4 42	4 00 4 95	4 00 5 80	4 50 6 15	3 35 4 65	3 60 5 25	5 00 7 50
April.....	4 25 5 40	4 00 5 50	5 50 7 85	3 50 4 80	3 50 5 50	3 40 4 40	4 00 5 00	4 00 5 85	4 25 6 00	3 35 4 75	3 40 5 00	4 35 7 10
May.....	4 00 4 95	4 00 5 40	6 50 8 00	3 50 5 00	3 50 5 25	3 25 4 30	3 65 4 90	4 00 5 90	3 60 5 50	3 30 4 40	3 00 4 80	4 00 6 05
June.....	4 00 4 95	4 00 5 20	5 50 7 25	4 00 5 70	3 50 4 90	3 00 4 10	3 50 4 65	4 00 5 85	3 50 5 30	3 30 4 70	3 00 4 40	4 00 5 80
July.....	4 35 5 40	4 50 5 90	4 75 6 25	4 90 6 00	4 00 5 70	3 00 4 15	3 25 4 75	4 00 6 85	4 00 5 70	3 85 5 15	3 40 4 90	4 00 6 00
August.....	3 75 5 10	4 00 6 10	4 00 6 00	4 00 6 00	3 50 5 60	3 00 4 50	3 25 4 75	5 00 6 85	4 00 5 65	3 90 5 10	3 75 5 10	5 45 6 70
September....	3 50 4 50	4 50 6 50	4 75 7 00	3 85 5 75	3 25 5 50	3 00 4 90	3 25 4 75	4 50 6 75	3 75 5 65	3 80 5 10	3 25 4 90	4 00 6 70
October.....	3 00 4 45	4 00 5 90	5 15 6 90	4 50 5 85	3 25 5 10	2 75 4 65	3 25 4 65	4 00 6 50	3 40 4 90	3 30 4 55	2 75 4 25	3 50 5 65
November....	3 00 3 85	4 00 4 90	4 60 6 35	4 60 6 00	3 00 4 15	2 75 4 25	3 00 4 10	4 35 5 65	3 40 5 55	3 00 4 30	2 75 4 00	3 25 5 05
December ...	3 00 3 85	3 85 4 95	4 60 5 60	5 25 6 00	3 00 4 10	2 75 3 90	3 00 3 80	4 30 5 40	3 90 5 75	3 25 4 65	3 00 4 10	3 25 4 60
Year.....	3 00 5 40	3 85 6 50	4 00 8 75	3 40 6 00	3 00 5 70	2 75 4 90	3 00 5 25	3 80 6 85	3 40 6 15	3 00 5 15	2 75 5 60	3 25 7 75

Data as to movement, prices, etc., of Live Stock appear on pages 137 to 143, inclusive, and page 151, showing many comparisons.



**HAY.**

The Hay crop in the region most readily tributary to this market was deficient in 1895, and somewhat so in 1894, so that the trade here has been at some disadvantage. For the four States of Ohio, Indiana, Illinois and Kentucky, the estimated production in 1895 was only 39 per cent. of what it was in 1893. For the three States of Iowa, Missouri, and Kansas the production in 1895 was 69 per cent. compared with 1893.

The total receipts for the year were 99,200 tons, compared with 98,100 in 1894, 100,400 in 1893, and 124,500 in 1892, which was the year of highest record. Shipments for the year were 41,700 tons, leaving 57,500 tons for local consumption, which is a quantity somewhat under the average of recent years. No. 1 Timothy Hay, in car lots on arrival, sold at \$10.25@10.50 in January, followed with moderate changes until late in April, when values strengthened, under the restricted offerings. In June there was developed quite a speculative inflation of prices, and quotations were advanced to \$18.00@19.00, for a brief time, receding to about \$15.00, with some transactions higher in July. The subsequent range to the end of the year was \$12.50@15.00, closing at \$13.75@14.50. For the year the average was \$12.70, compared with \$10.95 in 1894, \$12.55 in 1893, and \$11.10 in 1892.

The production of Hay in the United States in 1895, as officially estimated, was 47,078,000 tons, the smallest in any recent year; in 1894, 54,874,000 tons; in 1893, 65,766,000 tons.

The trade at Cincinnati continues to maintain an extensive business in the distribution of Hay over a wide extent of territory, southward and eastward, a large amount of product going to points of destination from the shipping districts without appearing in the receipts of this market.

Statistical data appear on pages 150, 152 and 157.

**GRASS SEED.**

The receipts of Grass Seed in 1895 were large, although not equaling the preceding year, but exceeding any year previously. The aggregate was 126,500 bags, compared with 143,100 in 1894, 118,200 in 1893, and 109,600 in 1892. The receipts of Clover Seed in 1895 were 31,100 bags, against 35,900 in 1894, and 24,200 in 1893; of Timothy Seed, 54,400 bags, against 52,700 in 1894, and 41,600 in 1893; of other kinds 41,000 bags, against 54,500 in 1894, and 52,400 in 1893.

The year began with prices of Clover Seed at \$8.75@9.00 per 100 pounds for lots on arrival, from which there was no important change during the remaining portion of the active season—a moderate reduction occurring in February, and some improvement later, the average being represented by \$8.75@9.00. When the new season opened, in August, quotations were about \$7.75@8.00 per 100 pounds, but steadily receded, reaching \$5.75@6.25 in October; late in November there was a recovery to \$6.00@6.50, and in December to \$6.50@7.00, which were the prices at the close of the year. The general average price for the year was \$7.64 per 100 pounds, compared with \$8.80 in 1894, \$10.67 in 1893, and \$9.70 in

1892. For ten years prior to 1895 the annual average was \$8.05. Sales from store of re-cleaned seed are made at 50 cents to \$1.00 per 100 pounds higher figures.

For Timothy Seed the year began at \$5.40@6.00 per 100 pounds, for lots on arrival, advancing late in February to \$5.70@5.85, soon after becoming easier and declining to \$5.15@5.25 in April. Prices in September were \$4.00@4.25, declining late in the month to \$3.60@3.85, and in October to \$3.40@3.60, which represented the subsequent position of the market to the close of December. The average for the year was \$4.60 per 100 pounds, compared with \$4.65 in 1894, \$3.75 in 1893, and an annual average of \$3.75 for ten years prior to 1895.

The supply of Clover Seed in territory tributary to this market, of the crops of 1895, was ample, and in fact the offerings were in excess of the demand. The low prices obtainable served to lessen the receipts at the distributing points, and to cause considerable quantities to be held by producers and interior dealers.

The production of Timothy Seed in regions west of the Mississippi River, from which supplies are largely drawn, was larger than usual, and also liberal in Ohio. The unfavorableness of the autumn, from drought, in the germination of sowings, has had the effect to enlarge the demand for spring seeding.

The production of Kentucky Blue Grass Seed was the largest ever known, attended with low prices, which encouraged and enlarged export trade. The crop of Red Top was short, and prices ruled high. Orchard Grass was in good supply, and met with considerable export demand.

The foreign demand for Clover Seed since the movement of the crops of 1895 has been much reduced compared with the preceding year, but for Timothy Seed the business has been well maintained. For eight months, July, 1895, to February, 1896, inclusive, the total exports of Clover Seed from the United States were 3,723,000 pounds, compared with 19,189,000 pounds for corresponding time in the preceding year. The exports of Timothy Seed for the eight months were 7,133,000 pounds, against 3,115,000 pounds in the eight months of the preceding year. The variableness of exportation of Grass Seeds is reflected in the following exhibit, showing the exports from the United States for years ending June 30, representing pounds:

KINDS.	1894-95	1893-94	1892-93	1891-92	1890-91	1889-90	1888-89
Clover Seed.....	22,900,672	45,418,663	8,189,553	19,532,411	20,778,884	26,500,578	34,253,137
Timothy Seed.....	4,939,237	10,155,867	7,077,131	3,613,187	144,848	11,051,053	10,200,673

Statistical data appear on pages 150, 156 and 168.

#### BUTTER AND BUTTERINE.

The receipts of Butter were the largest and prices ruled the lowest in 1895, that have been recorded for a long period. Receipts were 122,300 packages, compared with 90,700 in 1894, 81,100 in 1893, and 75,500 in 1892. Shipments for the year were 21,000 packages. Creamery Butter sold at 18@20 cents per pound in January, and in March at 15@17 cents; in June prices were as low as 13@15 cents; in August the market reached 15@18 cents, and in October 18@20 cents,

with some instances of outside prices later as high as 23@24 cents, from which there was a reaction at the close of December to 16@18 cents. The average for the year was 17.13 cents, compared with 18.92 cents in 1894, 25 cents in 1893, and 24.27 cents in 1892, the annual average for ten years prior to 1895 being 22.58 cents. For Dairy Butter of choice grade the year's range was 9@14 cents, averaging 10.54 cents, compared with 12.88 cents in 1894, 19 cents in 1893, and 17.03 cents in 1892; for ten years prior to 1895 the annual average was 15.89 cents.

The receipts of Butterine were reduced, showing a total of 2,005,000 pounds compared with 2,417,600 in 1894, 2,601,300 in 1893, and 1,702,100 in 1892. Prices ranged at 11½@17 cents per pound, averaging 14.25 cents, compared with 14.97 cents in 1894, 16.90 cents in 1893, and 18.09 cents in 1892. The plentifulness and low price of Butter seemed to restrict the consumption of Butterine, the local absorption of the latter representing about 25 per cent. of the total of both products for the year.

Statistical data appear on pages 150, 153 and 154.

#### CHEESE.

The receipts of Cheese were decidedly increased, showing the largest yearly quantity since 1876, the total being 153,200 boxes, compared with 118,300 in 1894, 125,500 in 1893, and 128,600 in 1892. Shipments for the year were 95,600 boxes. Factory Cheese sold at a range of 7@10½ cents per pound, averaging 9 cents, compared with 9.75 cents in 1894, 10.18 cents in 1893, and 10 cents in 1892, the annual average for ten years prior to 1895 being 9.85 cents. There was nothing of special note in the trade during the year.

Statistical data appear on pages 150, 153 and 155.

#### EGGS.

The receipts of Eggs were liberal, but considerably reduced in comparison with the exceptionally large arrivals in this market in the preceding year. For 1895 the receipts were 267,500 cases; for 1894, 321,000 cases; for 1893, 318,900 cases; for 1892, 272,600 cases. Shipments for the year were 92,800 cases, against 161,200 in 1894. The cold storage facilities have served to equalize prices, by which extremes have been modified; in times of excessive supplies the surplus is placed in such storage, affording the market an important relief. When the current supply is deficient such stocks serve an important purpose in meeting the demand. On the first of November there were about 20,000 cases in cold storage warehouses in this city; at the end of December this supply was reduced to about 8,000 cases. Fresh stock sold in January at a range of 17½@24 cents per dozen; in February, at 20@26 cents; in March, at 9½@23 cents; in the three months of April, May and June, at 10@11 cents; for July and August the prevailing price was 9 cents, with 8 cents for a portion of the time; subsequently there was an improvement, selling mostly at 12 cents in September, 14@15 cents in October, 16@17 cents in November, with 18½@19 cents reached for a brief time in December, afterward receding to 16 cents. The year's average price was 13.79 cents, compared with 12.41 cents in 1894, 16.30 cents in 1893, and 15.66 cents in

1892. For ten years prior to 1895 the annual average price was 14.83 cents per dozen, or  $7\frac{1}{2}$  per cent. above the past year's average.

Statistical data appear on pages 150, 153 and 155.

#### DRIED FRUIT.

The year's receipts of Dried Fruit were 9,266,600 pounds, which quantity had not been previously equaled. The failure of the 1894 fruit crop in the Middle and Western States encouraged a demand for California Dried Fruit during the winter and spring of 1894-95, and the distribution of such products was large under low prices. The California crop of Prunes, Raisins and Peaches was especially large in 1895, there being a shortage in Apricots. In the Western, Southern and Middle States there was an exceptionally large crop of Apples in 1895, and immense quantities were dried in Indiana, Illinois, Ohio, Kentucky, West Virginia, Virginia, etc. The prices were very low, notwithstanding which fact the domestic absorption of such product was not especially large, being influenced more or less by the plentifulness and low prices of beans, potatoes and green apples. Foreign markets, however, furnished an important outlet for the surplus as shown by the records of exports; for eight months, ending with February, 1896, the exports of Dried Apples amounted to 21,007,000 pounds, compared with 5,538,000 pounds for corresponding time in the preceding year. Of the exports this season 43 per cent. has been for the United Kingdom, 31 per cent. for other European markets, (mostly Germany,) and 26 per cent. for all other countries, including British North America.

Prices of Dried Apples in this market from January to June were  $5\frac{1}{2}$ @ $6\frac{1}{2}$  cents per pound; for Dried Peaches, California product, 7@9 cents per pound; for Apricots, 6@8 cents per pound. With the movement of the new crop there was a large reduction in prices of Dried Apples, which ranged mostly at  $2\frac{1}{2}$ @3 cents per pound; a less reduction in Peaches, which ranged at 6@7 cents; for Apricots, under the short supply, the range was higher, 9@11 cents per pound. The year's average price of Dried Apples was 4.52 cents per pound, compared with 5.55 cents in 1894, 5.04 cents in 1893, and 3.35 cents in 1892; for California Dried Peaches, 7.40 cents per pound; for Apricots, 8.28 cents per pound.

Statistical data appear on pages 150, 168 and 171.

#### GREEN FRUIT.

Our market was well supplied with Green Fruit, generally speaking, during the year. The receipts of Apples were 244,600 barrels, compared with 239,300 in 1894, 223,200 in 1893, and 306,500 in 1892. Shipments for the year were 155,200 barrels. While the supply of Apples of the crop of 1895 was large the arrivals in this market during October, November and December were considerably short of corresponding time in 1894, the total being 145,600 barrels this season, against 177,500 for the same time last year. Prices were so low in October and November as to discourage receipts, good fruit selling at \$1.00@1.25 per barrel, which implies a loss on such shipments. In November the prevailing price for good lots on track was about \$1.75 per barrel, and under the reduced offerings in

December an advance to \$2.00@2.50 was recorded. For the early part of the calendar year, prices mostly ranged at \$2.25@2.75, reaching higher points a portion of the time. For the year the general average was \$2.02 per barrel, compared with \$3.30 in 1894, \$2.90 in 1893, and \$2.50 in 1892.

The destruction of the Southern crop of Oranges by the cold weather of the winter of 1894-95 occasioned a great reduction in traffic in this fruit, the receipts for the year falling to 157,600 boxes, compared with 664,900 in 1894, 526,400 in 1893, and 518,500 in 1892. Prices had a range of \$2.25@4.00, mostly about \$2 75@3.50, for the first three months of the year, and were not much at variance with this in the second period of three months, after which there was some reduction, \$2.25@3.00 more generally prevailing, but toward the close of the year prices were higher, \$3.50@5.00.

The receipts of Lemons were also reduced, showing a total of 56,300 boxes, compared with 71,900 in 1894, 71,400 in 1893, and 72,700 in 1892. Prices early in the year ranged at \$2.25@3.50 per box, the outside range advancing to \$4.00 in April, \$4.75 in May, and \$6.00 in June; subsequently prices were quite irregular, at times much higher under short supplies, ultimately receding to \$2.50@3.50 in December.

The receipts of small fruits in 1895 are estimated at 14,500 tons, compared with 13,700 tons in 1894, and 13,200 tons in 1893.

Cincinnati is a large distributing point for fruits in season, our dealers filling orders from markets in Ohio and adjacent States, and in the Eastern States, to a large extent. There are excellent cold storage facilities here, which serve the purpose of relieving the market in times of unusual surplus.

Statistical data appear on pages 150, 168 and 170.

#### POTATOES.

The receipts of Potatoes were largely in excess of any previous year, reaching a total of 843,700 barrels, compared with 573,000 in 1894, 620,000 in 1893, and 558,000 in 1892. Shipments for the year were 373,200 barrels. Sales from store were mostly at \$2.00@2.25 per barrel in January and February, \$2.25@2.50 in March and April, with new stock ranging up to \$4.50@5.00. In May there was quite a variation in prices, mostly within \$3.00@3.75, ranging above and below these figures. Prices were reduced subsequently, and from late in July to the end of the year were low, about \$1.25 per barrel most of the time. The arrivals in October were especially large, 162,600 barrels, or 450,000 bushels. Sales early in the month were at 35@40 cents per bushel on track; by the middle of the month there was a decline to 30@33 cents, and toward the close to 25@30 cents—these figures representing good stock; inferior lots selling at a lower range. In November the price settled to 20@25 cents, improving later. Lots from store sold in December mostly at \$1.25@1.30 per barrel. The year's average price from store was \$1.56 per barrel, compared with \$2.08 in 1894, \$2.30 in 1893, and \$1.75 in 1892.

The crop of Potatoes in the United States largely exceeded any previous year, the official estimates being 297,000,000 bushels, compared with 171,000,000 in 1894, 183,000,000 in 1893, and 160,000,000 unofficially estimated for 1892.

Statistical data appear on pages 150, 168, 169 and 172.

## GROCERIES.

In nearly all lines there was an enlarged business in Groceries in 1895 in this market. In Coffee there were unimportant changes in prices, the general average being slightly reduced in comparison with the preceding year. In Sugar the changes were upward from the low point at the close of the preceding year, the general average being about the same for the two years. In other staples there was a continuance of low prices. In fact it was a year of exceptionally low prices for food products generally, and large absorption.

The receipts of Coffee for the year were 242,800 bags, an increase of 27,000 over the preceding year, when the total was smaller than for several years previously. For ten years ending with 1894 the annual average was 254,000 bags. Fair Rio Coffee sold in this market at  $19\frac{3}{4}$ @ $20\frac{1}{4}$  cents per pound in January, with 20 cents the prevailing figure during the next two months, and but moderate changes subsequently, the range for the year being  $19$ @ $20\frac{3}{4}$  cents, the lower price ruling in December, and the higher the last of September and early in October. The year's average was 20.52 cents, compared with 20.76 cents in 1894, and an annual average of 20.34 cents for five years ending with 1894. The classification of grades was somewhat changed in the latter part of 1892.

A New York authority reports the year's deliveries of Coffee at United States ports in 1895 at 4,455,000 bags, compared with 4,401,000 in 1894—the difference being unimportant. The crops of the world have been more than ample for all requirements, and the visible supplies at the close of 1895 were 600,000 bags more than a year previously. It appears that Coffee production has been increasing in late years, and the trade regard the situation as giving promise of ample supplies for some years to come, possibly in excess of the annual requirements. The quality of the Brazil product in 1895 averaged higher than previously for many years, which had the effect to narrow the range between the lower and higher grades. The average cost at New York for the year for No. 7 Rio was 15.13 cents per pound, compared with 16.40 in 1894, 17.08 in 1893, and 14.43 in 1892.

The receipts of Sugar in this market were 287,500 barrels, representing the largest quantity in several years. The total in 1894 was 284,400 barrels. For ten years ending with 1894 the annual average was 264,000 barrels. The changes in prices were mostly upward during the year, but the general average varied but little from the preceding year; for Hards, the average was 5.03 cents per pound, compared with 5.06 in 1894; for A White, 4.42 cents, against 4.36 in 1894.

In reviewing the general market, a New York authority says of the Sugar trade in 1895: "The fact being known early in the year that both the European beet crop and the Cuba cane crop of last season would be largely in excess of the preceding year, kept quotations at the lowest point until the first of May, and the same influence of an exceedingly large surplus of supplies held the markets of the world in check until the middle of September, since when the influence of the smaller crops of both beet and cane of the present campaign have been slightly felt in a small improvement, but not at all commensurate with the prospects of the situation. The new year, 1896, will commence with such conditions as have not existed in very many years. The beet crops of Europe, now about

completed, prove to be about 800,000 tons smaller than the last crop, while the Cuba crop, which last year reached 1,031,097 tons, is estimated by the best experts on the island not to exceed 500,000 tons."

Estimates of the world's Sugar crop of 1895-96, based on indications in March, point to a total of 7,118,000 tons, compared with 8,322,000 in 1894-95, 7,380,000 in 1893-94, and 6,487,000 in 1892-93. The European production from beets represents 4,270,000 tons for 1895-96, 4,792,000 in 1894-95, 3,890,000 in 1893-94, and 3,442,000 in 1892-93.

At New York the year's average price of 96 degrees Centrifugal Sugar (which closely represents the basis of refining grades) was 3.27 cents per pound, compared with 3.23 in 1894, and 3.70 in 1893; for Granulated the average was 4.15 cents in 1895, 4.11 in 1894, and 4.81 in 1893.

The local receipts of Molasses in 1895 were 47,300 barrels, compared with 53,500 in 1894, and 46,000 in 1893. Prices of Prime New Orleans were 31@33 cents per gallon early in the year, declining to 28@30 cents in March, and 26@28 in May. Later in the year prices improved, closing at 32@33 cents, with an average of 28.97 cents for the year, compared with 32.11 in 1894, and 33.27 in 1893.

The receipts of Rice in this market in 1895 were 46,300 barrels, compared with 35,100 in 1894, and 57,800 in 1893. Louisiana Rice sold at  $3\frac{3}{4}$ @ $5\frac{3}{4}$  cents early in the year, afterward becoming easier, ranging at  $3\frac{1}{4}$ @ $4\frac{1}{2}$  in September and October, and 3@5 cents subsequently, averaging 4.31 cents for the year, compared with 4.93 cents in 1894, and 4.31 cents in 1893. For ten years ending with 1894 the annual average was 5.07 cents per pound.

From special investigations by the Chamber of Commerce it is ascertained that the sales of Groceries by local houses during the year 1895 aggregated \$19,250,000, compared with \$18,900,000 in 1894, \$20,450,000 in 1893, \$18,590,000 in 1892, \$18,406,000 in 1891, and \$18,229,000 in 1890. The gain in 1895, compared with the preceding year, was about 2 per cent.

In this connection it may be mentioned that there is quite a large trade in Honey in this city, of which the receipts are 250,000 to 400,000 pounds annually. The bulk of the Comb Honey comes from California, a portion being received from New York, Pennsylvania, Northern Ohio, etc. The Extracted Honey comes largely from Florida, and partly from California. In recent years there has been a decided shortage in the Honey crop of Northern, Northwestern, Middle and Southern States. The Florida crop in 1894 was large, but was a failure in 1895. The trade in 1895 was dull, the sales falling considerably short of former years. Prominent dealers here who give special attention to this article have filled orders on various occasions for shipment to Europe, the superior quality found here having attracted such a demand.

Statistical exhibits appear on pages 160 to 167, inclusive.

#### SALT.

Including sales effected by local dealers for direct shipment the trade in Salt for the year was enlarged, indicating a greater volume than in any previous year. Total receipts and sales were 670,600 barrels, compared with 449,800 in 1894,

462,500 in 1893, and 477,600 in 1892. The main sources of supply for the trade here are the Ohio River and Kanawha districts and Michigan.

Prices of Ohio River and Kanawha Salt were 85@90 cents per barrel of 280 pounds, until May, when they were reduced to 80@85 cents, continuing without further change the remainder of the year. Michigan Salt sold at 90 cents per barrel of 280 pounds until May, when it was reduced to 80 cents, and in July to 76 cents, and in August to 74 cents; in November the price was advanced to 79 cents, continuing without further change to the end of the year.

The total production of Salt in the United States in 1895 was 13,666,000 barrels of 280 pounds each; about one-half was produced in New York, and one-fourth in Michigan. For ten years ending with 1894 the annual average production was 8,388,000 barrels, there being an increase every year with but one exception. In 1895 the total was 7,038,000 barrels, compared with which the production in 1895 shows a gain of 93 per cent.

Statistical data appear on pages 151, 152 and 157.

### COTTON.

The trade in Cotton in this market is largely of a local nature, and therefore of restricted volume, from the fact that the consumption here is of moderate proportions. It is not a speculative market for this product, and from economies in transportation cost the movement is naturally from localities of supply in the producing regions direct to the consuming points or shipping ports. The reported receipts of Cotton at Cincinnati in 1895 were 272,300 bales, compared with 347,500 in 1894, and 221,600 in 1893. A large proportion, however, is represented by through movement, and does not in fact enter into the commerce of this city. The local consumption of Cotton for the year ending September 1, 1895, was decidedly in excess of 1894, and closely approached the fuller records of previous years, the total being 14,800 bales, compared with 8,200 in 1894, 15,800 in 1893, and 15,900 in 1892. The commercial year began with a total of 4,845 bales, closing with 5,782 bales.

This market is chiefly governed by prices at New York, and quotations change in close conformity to variations there. Middling sold at 5½ cents per pound early in the year, and for a time at 5¼ cents, developing an advancing tendency in March, which ultimately carried the quotation to 9½ cents in October, from which it receded to 7½ cents at the close of the calendar year. The average price of Middling for the year was 7.04 cents per pound, compared with 6.93 cents in 1894, and 8.38 cents in 1893.

At New York, Middling for spot delivery was as low as 5¼ cents per pound early in the year, and reached 9½ cents in October; in 1894 the range was 5¼@8½ cents; in 1893, 7¼@9½ cents.

For the crop year ending September 1, 1895, the production of Cotton in the United States, as estimated by the *Financial Chronicle*, was 9,892,000 bales, compared with 7,527,000 in the preceding year, and an annual average of 7,194,000 bales for a period of ten years ending with 1894. The average weight of bales for the year was 507.38 pounds, compared with 497.98 pounds gross in the pre-



ceding year. The domestic consumption for the year was 2,694,000 bales—Northern mills, 1,841,000; Southern mills, 853,000. The exports to Europe were 6,720,000 bales. The shipments to Canada were 99,000 bales.

The number of mills reported for the South was 322, in comparison with 321 in the preceding year; number of spindles, 2,379,281; number of looms, 55,390.

The world's production of Cotton in 1894-95 was approximately 14,050,000 bales of 400 pounds each; in 1893-94, 11,639,000; in 1892-93, 10,734,000; in 1891-92, 13,190,000; in 1890-91, 12,658,000; in 1889-90, 11,105,000.

The world's consumption of Cotton in 1894-95 was approximately 13,839,000 bales of 400 pounds each, of which the United States represented 3,219,000; Great Britain, 4,264,000; the Continent, 5,096,000; India, 1,260,000. In this exhibit Canada and Mexico are not included; they represented an absorption of about 150,000 bales of American Cotton, 400 pounds to the bale.

For the year 1894-95 the United States represented nearly 86 per cent. of the world's production of Cotton; for five years the average was 80 per cent.

Statistical exhibits appear on pages 168, 173, 174 and 175.

#### PIG IRON.

The past year makes the highest record in volume of Pig Iron operations in this market. The aggregate of receipts, and sales by local houses for direct shipment to points of destination, was 1,285,936 tons, compared with 935,500 tons in 1894, 945,000 in 1893, and 1,103,500 in 1892. The significance of these figures will be understood in stating that the valuation of this product represented in the business of 1895 was approximately \$17,500,000.

While this locality does not consume as much Iron in manufacturing operations as some others, this market has for many years held the highest position in effecting transactions in this product. Its central position has been favorable to such results, and the dealers have been equipped with every needful facility, which with their long experience and business energy enable them to maintain the lead in this line. The extension of Iron production in the South in late years has contributed to the opportunities for enlargement of business operations of dealers in this market.

With reference to the Iron trade, generally, it may be said that the year 1895 was one of the most interesting in its history. It began with extreme dullness, and the lowest prices for crude Iron ever recorded were reached. The finished product also found a slack demand. There was, however, an improving tendency reached in March, which was increased in April, and much activity characterized the market, almost without break, for a period of six months, terminating about the first of November. During this six months the tonnage sales of all forms of Iron and Steel far exceeded the volume of such transactions in any like period, in this country, or elsewhere.

Prices began to advance in April, and made a little further gain in May; in June and July the advance was fairly rapid. Grey Forge Iron, which sold at Birmingham in March as low as \$6.00 per ton, was advanced in September to over \$9.00, and later was held firmly at \$9.75, though with few transactions at the

latter figure. Foundry Iron sympathized with this advance. The improvement in Bessemer, and its steel products, was even greater. Bessemer Pig, starting from \$9.35 per ton, at Mahoning Valley furnaces, steadily advanced until it was sold at \$17.00, with large quantities changing hands at \$15.00@16.00. Toward the end of the year extreme dullness in the trade set in, both in crude and finished products. Political and financial questions served to unsettle confidence, and for the time to check enterprise. The Iron trade is usually quick to be affected by such influences, and in this instance the reaction was more active than was the earlier improvement. Prices, however, did not recede greatly from the position they had reached.

In the active period of the year's trade the largest buyers were the largest makers of Bessemer Pig, which gave great stimulus to production, and under which influence there was a large advance over recent years previously, carrying the record for the year to a higher point than had been reached in any earlier instance. At the close of the year the output was decidedly in excess of any previous time in the history of the country.

While it has been contended more or less that the improvement shown in the Iron trade within the past year was largely artificial, and due to speculative influences, there is ground for the view that the actual consumption of Iron in nearly all forms was largely increased, and that the close of the year marks a revival of business in the direction of new construction which will not only call for the maintenance of, but probably require a large increase in the output of Iron, which implies the passing of limits previously reached. It is a noteworthy feature of the business of the past year that a surprisingly small percentage of the heavy requirements for Iron came from railroad sources.

The production of Pig Iron in the United States was largely increased in 1895 in comparison with the reduced output in the preceding year. The total for 1895 somewhat exceeds any previous year in quantity, representing 9,446,000 long tons, of 2,240 pounds, or 10,580,000 short tons, of 2,000 pounds. For five years ending with 1894 the annual average production was 9,050,000 short tons. In territory recognized as tributary to this market the production in 1895 represented 43 per cent. of the total for the United States.

Statistical data appear on pages 180, 181 and 182.

#### MANUFACTURED IRON.

In Manufactured Iron and Steel there was an important increase in receipts in contrast with the reduced movement in two years previously. The total for 1895 was 174,000 tons, compared with 121,000 in 1894, 134,000 in 1893, and 190,000 in 1892. The value of the receipts in 1895 is estimated at \$6,965,000.

The receipts of Nails were 422,500 kegs, falling short of any recent year in quantity. In 1894 the total was 485,000 kegs; in 1893, 511,000 kegs; in 1892, 642,000 kegs. The average price for the year, basis 12d, was \$1.63 per keg, compared with \$1.20 in 1894, \$1.36 in 1893, and \$1.69 in 1892. For ten years ending with 1894 the annual average price was \$1.88 per keg.

Statistical data appear on page 176; prices of Nails, page 151.

**COAL AND COKE.**

The low stage of the Ohio River during a large part of the year precluded the usual movement of Coal by water transportation, especially from the Pittsburgh district, from which region the year's receipts were the smallest since 1881. While the movement from the Kanawha was not greatly reduced in comparison with the preceding year, it was the smallest in quantity since 1885. These conditions gave important impetus to the railroad traffic in Coal, which was far in excess of any previous year, but the aggregate from all sources fell short of the preceding year, and in fact the records suggest the smallest total receipts since the year 1890.

Returns to the Chamber of Commerce indicate for the year a total of 70,143,000 bushels of Coal received, and 18,795,000 bushels shipped, leaving a net supply of 51,348,000 bushels. In 1894 the receipts were 76,458,000 bushels; shipments, 17,029,000; leaving a net supply of 59,429,000 bushels. In 1893 the receipts were 80,612,000, the largest on record; shipments, 18,867,000; net supply, 61,755,000 bushels. The year closed with very small supplies on hand, the reserves being close to exhaustion.

Of the year's receipts of Coal the arrivals by railroads were 27,263,000 bushels, and shipments by railroads 15,673,000 bushels. For a period of five years prior to 1892 the receipts of Coal by railroads averaged about 7 per cent. of the total supply; in 1892 they exceeded 18 per cent., and for three years ending with 1894 the average was more than 25 per cent., and for 1895 represented about 40 per cent.

The year's receipts from the Pittsburgh district were 26,676,000 bushels, compared with 40,156,000 in 1894; from Kanawha, 15,106,000 bushels, compared with 16,398,000 in 1894; the Pittsburgh supply representing 38 per cent. of the total receipts, Kanawha, 21½ per cent., and all other 40½ per cent.

The year's range of prices of Pittsburgh Coal, afloat at Cincinnati, was 5½@6½ cents per bushel, the average being 6 cents, or \$1.67 per ton; quotations nominal a large part of the year, from absence of offerings. This class of Coal delivered to consumers had a range of \$2.25@3.00 per ton, averaging \$2.51, compared with \$2.53 in 1894, and \$3.07 in 1893; for ten years ending with 1894 the average was \$3.05. The regulating influence of railroad supplies is reflected in the comparison of averages for recent years and those of earlier years which embraced extreme prices a portion of the year from scarcity of offerings.

A partial investigation in regard to the proportion of the local consumption of Coal represented by household uses and for manufacturing purposes, indicates that it is pretty evenly divided between the two channels—some dealers disposing of 40 to 50 per cent. for household purposes, and others a larger proportion.

The influence of low water in recent years in the Ohio and Kanawha rivers in restricting the movement of Coal, has made it plain that it is important to have inaugurated measures of relief. It is believed that much can be accomplished in this direction by the construction of a series of locks and dams, such as now in use at Davis Island below Pittsburgh. While the railroads may be equal to modifying the urgency of such matters, in an enlarged movement of Coal, the fact remains that the water transportation is decidedly the cheaper, and the lower

the cost of fuel material the more encouragement and impetus is given to industrial operations along this valley of unexcelled resources of products of mines, of forestry and of agriculture.

The yearly range and average prices of Pittsburgh Coal, afloat and delivered, per bushel, based on weekly records, compare for ten years as shown in the following compilation :

YEARS.	AFLOAT.			DELIVERED.		
	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
1885-86.....	5 $\frac{1}{2}$	8	6.58	9	11	10.05
1886-87.....	6 $\frac{1}{2}$	15	7.55	9 $\frac{1}{2}$	16	11.04
1887-88.....	7	18	10.01	10 $\frac{3}{4}$	22	13.96
1888-89.....	6	8 $\frac{1}{2}$	6.71	9	11 $\frac{3}{4}$	9.95
1889-90.....	6	8	6.78	9	10 $\frac{3}{4}$	9.69
1890-91.....	6 $\frac{1}{2}$	8 $\frac{1}{2}$	7.28	10	10 $\frac{3}{4}$	10.24
1892.....	6 $\frac{1}{2}$	8 $\frac{1}{2}$	7.49	9	12 $\frac{1}{2}$	10.36
1893.....	6 $\frac{1}{2}$	8 $\frac{3}{4}$	7.58	9	19 $\frac{3}{4}$	11.04
1894.....	5 $\frac{1}{2}$	9	6.34	7 $\frac{1}{2}$	10 $\frac{3}{4}$	9.11
1895.....	5 $\frac{1}{2}$	6 $\frac{1}{2}$	6.00	8 $\frac{1}{2}$	10 $\frac{3}{4}$	9.00

The bulk of Coal from the Kanawha, Virginia and West Virginia regions sells at the same, or about the same, prices as are obtained for the product from the Pittsburgh district.

The receipts of Coke for the year were 2,353,000 bushels, and the quantity locally manufactured was 4,394,000 bushels, making a total of 6,747,000 bushels, compared with 7,060,000 bushels the preceding year. For city manufacture the average price for the year was 8 cents per bushel; of gas-house, 8 cents; of Connellsville, \$6.50 per ton.

Statistical exhibits appear on pages 176 to 179, inclusive.

#### BEER, ALE, ETC.

From the moderate decline in production of Malt Liquors in this city and immediate vicinity in 1894 there was a full recovery the past year, for which the total shows a gain exceeding 6 per cent. in comparison with the preceding year. For 1895 the total is 1,338,000 barrels, compared with 1,260,000 in 1894, 1,322,000 in 1893, and 1,374,000 in 1892. For ten years ending with 1894 the annual average production was 1,193,000 barrels, which is exceeded by 12 per cent. in the total for 1895. The receipts of Malt Liquors fell far short of any recent year previously, representing only 27,800 barrels. Shipments for the year were 490,300 barrels, compared with 456,700 in 1894, 520,500 in 1893, and 582,800 in 1892.

The Beer trade of Cincinnati has to contend with some drawbacks which would be modified or removed by more ready access to railway lines. The breweries, as is the case with a large proportion of the manufacturing establishments, are at such distances from railway tracks as to require a large outlay for hauling, especially of material received, which expense might be saved or greatly reduced under a belt railway system and proper terminal facilities.

The indicated total local consumption of Malt Liquors in 1895 was 876,000 barrels, compared with 852,000 in 1894, and 865,000 in 1893. This statement

implies 27,156,000 gallons as the consumption in 1895, or an average of more than 50 gallons per capita for all the population of Cincinnati and suburbs, and implying an expenditure by consumers of about \$10,000,000, or approximately \$20.00 per capita, which far exceeds the total collections of taxes.

Cincinnati Beer has been noted for its high quality, and thus the manufacturers here have been successful in discouraging the introduction of Beer from other localities, and to maintain a large shipping business under the strong competition from manufacturers elsewhere.

Prices of Beer and other Malt Liquors were without essential change during the year. The industry gives employment to a large number of persons, and requires extensive investments. It is conducted by men, noted for their enterprise, public spirit and liberality.

Statistical exhibits appear on pages 152 and 187.

#### WHISKY.

The past year has not been one of satisfactory activity in the Whisky trade. The distributing business was restricted to smaller proportions than for many years, prominent houses reporting only 60 to 75 per cent. of the usual volume of trade. This indicates that this interest has suffered from the general depression which has attended industrial affairs to a greater extent than many other lines. The additional tax of 20 cents per gallon, imposed by the enactment of August, 1894, has not been influential in advancing the price of the goods distributed, although it may have served in some degree to bring about restriction in production, which has been in excess of the demand in late years, and it is hoped that in due time there may be a more favorable relation between production and consumption.

For the year 1895 the production of Distilled Spirits in this locality was 8,877,000 gallons, compared with 9,375,000 in 1894, 9,949,000 in 1893, and 10,192,000 in 1892. The highest record of production was for 1881, 15,808,000 gallons; for five years ending with 1894 the annual average was 10,315,000 gallons; for the preceding period of five years the annual average was 11,276,000 gallons. Of the production in 1895, the output of distilleries on the Cincinnati side of the river represented 72½ per cent., and on the Kentucky side 27½ per cent.

The receipts of Whisky for the year were largely reduced in comparison with the exceptional total of the preceding year. For 1895 the receipts were 245,394 barrels, compared with 385,160 in 1894, 340,308 in 1893, and 320,724 in 1892; for ten years ending with 1894 the annual average was 269,000 barrels.

The shipments of Whisky for the year represented a total of 368,100 barrels, or about 73 per cent. of such movement in 1894, when the total reached 505,183 barrels. For ten years ending with 1894 the annual average was 476,000 barrels, the largest total being in 1891, 524,000 barrels.

The total quantity of Whisky produced in this locality and received at Cincinnati in the year 1895 was 20,656,000 gallons, compared with 27,863,000 in 1894, 26,248,000 in 1893, and 25,586,000 in 1892. The valuation of the total for 1895 was \$25,598,000, compared with \$34,360,000 in 1894.

The quantity of Rectified Spirits produced in the year 1895 in this locality was 9,671,000 gallons, compared with 9,955,000 in 1894, 9,735,000 in 1893, and 12,457,000 in 1892.

The basis price of finished Spirits at the close of 1894 was \$1.22 per gallon, and on February 23, 1895, was advanced to \$1.25; subsequently there were changes to lower figures until \$1.20 was reached, on April 18; from this there was an advance later, reaching \$1.25 on June 3, declining to \$1.24 on June 21, to \$1.23 on July 13, and \$1.22 on July 26, which remained unchanged to the close of the year. The general average for the year was \$1.22½, compared with slightly less than \$1.20 for 1894.

For the fiscal year ending June 30, 1895, the total production of Distilled Spirits in the United States, including fruit brandy, was 81,910,000 gallons, compared with 92,153,000 in 1894, a decline of nearly 11 per cent. The revenue from Distilled Spirits for the year was \$79,863,000, compared with \$85,259,000 in 1893-94, and \$94,713,000 in 1892-93.

Statistical exhibits appear on pages 188 to 192, inclusive.

#### LEAF TOBACCO.

The receipts of Leaf Tobacco at the warehouses of Cincinnati in 1895 were enlarged over 5 per cent. in comparison with the preceding year, reaching a total of 80,508 hogsheads. The total in 1894 was 76,625, and the largest receipts in previous years were 84,482 in 1892, and 80,803 in 1891. The annual average for ten years ending with 1894 was 67,300 hogsheads.

The total offerings at the warehouses during the year fell slightly short of the preceding year, representing 103,198 hogsheads in 1895, against 104,010 in 1894. The sales were 72,681 hogsheads in 1895, against 75,287 in 1894. It thus appears that sales for the year represented 70 per cent. of the offerings, which is about the usual proportion.

The sales for the year (exclusive of Tobacco in cases) realized \$8,187,000, compared with \$9,066,000 in 1894, \$8,236,000 in 1893, and \$9,954,000 in 1892. For five years ending with 1895 the annual average was \$8,831,000, and for ten years the annual average was \$8,193,000. At an average of 1,200 pounds per hogshead the total sales in 1895 represented 87,217,000 pounds, realizing an average price of \$9.40 per 100 pounds, compared with \$10.05 in 1894, \$11.85 in 1893, and \$10.00 in 1892. For a period of ten years prior to 1895 the annual average was \$10.40 per 100 pounds.

The total reported receipts of Leaf Tobacco at Cincinnati in 1895 represented 112,033 hogsheads, and 30,268 cases and bales. This implies that 31,525 hogsheads represented through movement and local distribution other than through the regular warehouses. What proportion of this total represented local business can not be stated. The bulk of the 30,268 cases and bales was for the local trade, and contributed approximately \$1,500,000 to the local transactions in Leaf Tobacco for the year.

It is proper in this connection to allude to the fact that the Leaf Tobacco trade of Cincinnati is noted for its liberal and reliable treatment of the interests

of patrons of this market; for the superiority of its system of inspection and weighing; for the excellence of its facilities for handling the product; for ample capital available for the most satisfactory conduct of the business, and for the high class of buyers ever present on the breaks.

The expansion of the Leaf Tobacco trade in this market into important proportions is limited to a comparatively brief period. Prior to 1861 the transactions had no special significance, but from about that time the trade began to notably enlarge. For the period of five years, 1870 to 1874, inclusive, the sales averaged about 32,000,000 pounds annually. For the next period of five years, ending with 1879, the annual average was about 41,000,000 pounds. For the next five years, ending with 1884, the average was advanced to 63,000,000 pounds. In the next period the gain was less important, the average being about 67,000,000 pounds, for five years ending with 1889. Subsequently there was a decided advance, the average for the five years ending with 1894 reaching 91,000,000 pounds, notwithstanding the decline in 1893, owing to the short crop of that year.

The manufacture of Chewing Tobacco in this locality in recent years has been much reduced in comparison with former years. In 1874-75, which represents the beginning of complete records of such statistics by the Chamber of Commerce, the total production was 4,293,000 pounds, reaching 5,270,000 pounds in 1879-80. Since then there has been a marked decline, the total in 1895 being 1,509,000 pounds, compared with 1,700,000 pounds in 1894, and 1,627,000 pounds as the annual average for five years ending with 1894. The bulk of the manufacture is now on the Covington and Newport side of the river, while in former years the Cincinnati side represented the larger proportion.

The manufacture of Smoking Tobacco has been better maintained, although in recent years it has fallen below some of the earlier years. In 1895 the total was 2,760,000 pounds, compared with 1,891,000 pounds in 1894, and an annual average of 1,202,000 pounds for a period of ten years ending with 1894. This class of Tobacco is mostly produced on the Cincinnati side of the river. The aggregate production of Chewing and Smoking Tobacco in 1895 was 4,269,000 pounds, compared with 3,691,000 in 1894, and 2,981,000 in 1893.

The manufacture of Cigars was further increased the past year, having made quite an advance in the preceding year in comparison with any earlier records. The total for 1895 was 168,504,000; in 1894, 166,095,000; in 1893, 131,648,000; in 1892, 141,500,000; for ten years ending with 1894 the annual average was reported at 122,448,000.

The Statistician of the Department of Agriculture in submitting his report on the Tobacco crop of 1895 makes the following observation: "Reporting the product of Tobacco, as of fruits, sweet potatoes, beans, and other crops generally grown in small patches, is exceptionally difficult, because of the uncertain basis of acreage on which it must rest. A comparison of the figures for recent crops with those of receipts for manufacture and of net exports, published by the Treasury, leave ample room for the suspicion that the whole product was at no time reported. The correspondent's returns of yield and of acreage compared with the year before, appearing in the monthly statistical reports for 1895, having been found to give a total product considerably less than that actually brought

to light in previous years, the Statistician instituted in December a special investigation of the subject, a circular of additional inquiries being sent to all the Tobacco-producing States." The results of that investigation are embodied in the estimates presented for the crop of 1895, which indicate a total of 491,544,000 pounds, grown on 633,950 acres, and having an estimated farm value (based on December prices) of \$35,574,000. From this evidence of entire production it appears that the yearly aggregate receipts of Leaf Tobacco at Cincinnati represent about one-third of the total production of the United States. The crop in 1894 was estimated at 406,678,000 pounds, but in the statement relative to the crop of 1895 the Statistician observed that correspondents generally note a diminished crop, their testimony thus furnishing some support to the belief that there was a larger production in 1894 than was reported to the Department. The estimate for 1893 was 483,024,000 pounds. Of the 1895 crop Kentucky produced about 36½ per cent.; North Carolina, 23½ per cent.; Virginia, 11 per cent.; Tennessee, 9 per cent.; Ohio, 5 per cent.; all other States 15 per cent.

The exports of Leaf Tobacco from the United States for the fiscal year ending June 30, 1895, (including stems and trimmings) were 300,992,000 pounds; in 1894, 290,685,000 pounds; in 1893, 266,083,000 pounds. The valuation of exports in 1895 was \$25,799,000, compared with \$24,085,000 in 1894, and \$22,892,000 in 1893.

Statistical data appear on pages 151 and 183 to 186, inclusive.

#### PETROLEUM.

The local trade in Petroleum was without much change in 1895 compared with the preceding year. Prices were somewhat advanced, and averaged higher for the year than previously since 1891. The reported receipts were 439,400 barrels, compared with 430,800 in 1894, 473,900 in 1893, and 481,900 in 1892. Shipments for the year were 195,000 barrels, compared with 206,600 in 1894, 292,700 in 1893, and 274,300 in 1892. Local dealers do a large business in sales for direct shipment to points of destination, which in 1895 represented a total of 741,257 barrels, compared with 1,323,000 in 1894, and 1,329,000 in 1893. These sales with the local receipts make a total of 1,180,688 barrels for 1895, compared with 1,754,000 in 1894, and 1,803,000 in 1893.

The price of Illuminating Oil was 6@6½ cents per gallon at the opening of the year, which had been the quotation for three years. It was advanced to 6½@7 cents in January, and to 7½@8 cents and 9@9½ cents in April; in June it receded to 8½@9 cents and 8@8½ cents, and in August to 7½@8 cents, continuing at this until November, when 8½@9 cents and 8@9 cents were the quotations, the year closing at the latter range. The general average price was 7.87 cents, compared with 6.25 cents for each of three years previously.

The consumption of both Illuminating and Lubricating products of Petroleum is steadily extended, under the perfection of processes for adapting such oils to these purposes, and the low prices at which they are made available.

Cincinnati has become a large distributing point for Petroleum, which has been promoted in recent years by the railroad companies in their terminal facili-



ties and arrangements for receipts of carload barrel lots, and distribution of such receipts in smaller quantities.

The yearly production of Petroleum in the United States, and estimated value, according to reports of the office of the United States Geological Survey, are shown in the following, quantities representing barrels of 42 gallons:

YEARS.	Quantity.	Value.	YEARS.	Quantity.	Value.
1885.....	21,847,000	\$19,198,000	1890.....	45,822,000	\$35,865,000
1886.....	28,065,000	19,996,000	1891.....	54,292,000	30,526,000
1887.....	28,279,000	18,877,000	1892.....	50,509,000	26,034,000
1888.....	27,612,000	17,947,000	1893.....	48,412,000	28,932,000
1889.....	35,163,000	26,963,000	1894.....	49,344,000	35,522,000

The valuation in the foregoing exhibit is understood to reflect the first price, at points of production. It is interesting to observe that while the exports of products of Petroleum have represented about 50 per cent. of the production in late years the valuation of the exports has been more than 40 per cent. greater than the original value of the crude product. The production in the calendar year 1894, 49,344,000 barrels, represented 2,072,000,000 gallons, the value of which was about  $1\frac{1}{2}$  cents per gallon; the exports for the fiscal year 1894-95 were 884,000,000 gallons, valued at \$46,660,000, or about  $5\frac{1}{2}$  cents per gallon. Exports of Petroleum have almost steadily increased, being 50 per cent. greater in 1895 than in 1885, in quantity.

Statistical data appear on pages 151, 158, 165 and 166.

#### DRY GOODS.

The past year has been a more satisfactory one than the preceding year in the Dry Goods trade, not only in the volume of business but also in the prevailing tendency of values, for in contrast with the situation during 1894, when declining prices were the order much of the time, the changes in 1895 were generally in the upward direction, under which condition results are naturally more satisfactory to dealers. A pleasing feature of the year's record is the evidence that the wholesale trade in the latter part of the year in aggregate value of sales compared favorably with the most active of previous years, which, in view of the lower average of prices, implies that the autumn trade in actual quantity of goods moved was unusually large in volume. This activity served to carry the year's total sales in this line to a point above the total for the preceding year by nearly 3 per cent., notwithstanding the manifest contraction in the retailing business during a considerable portion of the year.

The Dry Goods merchants of this city interested in the wholesale branch of the business appreciate the fact that the way to invite and secure trade is to be equipped with superior assortments, and to offer the goods at low figures. They are thus enabled to sell many lots of goods in other cities of importance, such as Indianapolis, Louisville, Columbus, etc., considered competitive to this market, but which in fact do not offer the extent and variety of assortments to be found here, nor at equally as favorable figures. Thus the retailing trade in the smaller

towns, and even in the larger places mentioned, find it advantageous to secure supplies in this market.

The result of the usual yearly investigations by the Chamber of Commerce shows that the total sales of the local Dry Goods trade for the year amounted to \$33,625,000, including furnishing goods. In the preceding year the total was \$32,685,000. For five years ending with 1894 the annual average was \$35,400,000. For the preceding period of five years the annual average was \$27,650,000. In view of the decline in prices of staple articles it is thus made apparent that this line of trade in volume of goods handled has made an important growth in late years. For leading staples there was a moderate tendency to higher prices subsequent to the earlier months of 1895, with the result that the year closed with an advance of 10@15 per cent. in comparison with the lower position of values.

The following indicates approximately the value of yearly sales of Dry Goods by the trade at Cincinnati, according to special returns to the Cincinnati Chamber of Commerce, for the years stated :

1880-81.....	\$24,205,000	1885-86.....	\$25,765,000	1890-91.....	\$36,300,000
1881-82.....	25,325,000	1886-87.....	27,095,000	1891-92.....	37,450,000
1882-83.....	27,380,000	1887-88.....	28,870,000	1893.....	35,575,000
1883-84.....	25,025,000	1888-89.....	31,335,000	1894.....	32,685,000
1884-85.....	25,185,000	1889-90.....	34,965,000	1895.....	33,625,000

#### CLOTHING.

The reputation which Cincinnati has long held in the Clothing trade was maintained in 1895, when the total value of sales, although not equaling some former years under higher cost of raw materials, was nevertheless in favorable contrast with the preceding year, the gain being somewhat in excess of 5 per cent. In view of the well-understood and very general dullness of business here and elsewhere prevailing during the past year, this result may with reason be regarded as very satisfactory, reflecting as it does the enterprise of those engaged in this line, and the high merit of their products. Returns to the Chamber of Commerce indicate the total sales for the year 1895 to have been \$19,650,000, compared with \$18,700,000 in 1894, \$21,725,000 in 1893, and \$23,450,000 in 1892—the latter representing the highest total in the history of the trade. Values of materials in that year were considerably higher than in the past and preceding years, so that the difference in the indicated sales does not reflect a corresponding difference in volume of goods represented. In addition to the returns of Clothing sales there is a large business done in furnishing goods, women's apparel, etc., estimated to represent a yearly total of fully \$5,000,000.

The following indicates approximately the value of yearly sales of Clothing by the trade of Cincinnati, according to special returns to the Cincinnati Chamber of Commerce :

1880-81.....	\$17,605,000	1885-86.....	\$17,180,000	1890-91.....	\$23,220,000
1881-82.....	17,100,000	1886-87.....	17,910,000	1891-92.....	23,450,000
1882-83.....	18,025,000	1887-88.....	18,415,000	1893.....	21,725,000
1883-84.....	16,965,000	1888-89.....	18,510,000	1894.....	18,700,000
1884-85.....	17,155,000	1889-90.....	21,060,000	1895.....	19,650,000

**BOOTS AND SHOES.**

The trade in Boots and Shoes was considerably enlarged in 1895, partly due to the special popularity of the product of our local manufactories, and partly to the advance in cost of material, which necessarily enhanced the selling price of goods. The total sales indicate nearly 12 per cent. gain over the preceding year. The trade of this market has been widening in recent years, notably southward, and the local production has been steadily displacing the goods from Eastern shops. Returns to the Chamber of Commerce indicate a total of \$12,580,000 as representing the sales in 1895, compared with \$11,250,000 in 1894; for 1893 the total was \$12,550,000; for 1892, \$13,335,000; for 1891, \$11,735,000; for 1890, \$11,027,000. The annual average for five years prior to 1895 was \$11,980,000. The growth of the business, however, has been larger than the gain in sales, for the reason that prices in the more recent years previous to 1895 have been much lower than formerly. The precise proportion of sales the past year representing product of local manufacture can not be stated, but it is estimated as approximately \$8,500,000, compared with \$7,500,000 in 1894, \$7,250,000 in 1893, and \$8,000,000 in 1892.

**LEATHER.**

There was considerable increase in the receipts of Leather, notwithstanding the decided gain shown for the preceding year. The total represented 86,300 bundles, compared with 74,000 for 1894, 66,100 for 1893, and 69,600 for 1892; for ten years prior to 1895 the annual average was 50,600 bundles. The shipments were reduced, the total being 71,700 bundles, compared with 73,300 in 1894, 74,300 in 1893, and 94,300 in 1892. There is an important local industry in the manufacture of Leather, which is encouraged by the extensive operations here in the manufacture of Shoes, Harness, etc., which lines are presumed to have absorbed approximately 18,000,000 pounds or more of Leather the past year. Prices of Leather were considerably advanced during the year, averaging 26.60 cents per pound, compared with 22.44 cents in 1894, 23.84 cents in 1893, and 26.31 cents in 1892. For ten years ending with 1894 the annual average was 27.70 cents per pound.

Statistical data appear on pages 151 and 153.

**HIDES.**

The receipts of Hides for the year were 503,700, compared with 437,000 in 1894, 545,500 in 1893, and 552,500 in 1892; shipments for the year were 428,000, against 351,500 in 1894. No. 1 Hides (wet salted) sold at 5 cents per pound early in the year, advancing in May to 6½ cents, in June to 8 cents, and declining in September to 7½ cents, in October to 6½ cents, and in November to 5½ cents, followed by a recovery to 6½ cents in December. The year's average for light to heavy wet salted Hides was 6.02 cents per pound, compared with 3.66 cents in 1894, 4 cents in 1893, and 4.44 cents in 1892.

Statistical data appear on pages 151 and 153.

**WOOL.**

The feature in the Wool trade was a large decline in receipts, the total for the year showing but 26,300 bales, the smallest record since 1888; in 1894 the receipts were 52,300 bales; in 1893, 55,500 bales; in 1892, 79,100 bales. Shipments for the year were 31,000 bales. Prices were not greatly changed during the year; Ohio Fleece sold at 14@20 cents per pound in January, advancing to 15@21 cents in February, which was the prevailing range until May, when the inside figure was advanced to 16 cents, and in June the range was advanced to 17@22 cents, from which there was a decline to 16@21 cents in October, remaining unchanged subsequently to the close of the year. The year's average price was 18.53 cents per pound, compared with 19.60 in 1894, 25.70 in 1893, and 26.50 in 1892; for ten years ending with 1894 the annual average was about 28 cents.

The Wool clip of the United States in 1894-95 as officially estimated was 309,000,000 pounds, compared with 298,000,000 in 1894, 303,000,000 in 1893, and 294,000,000 in 1892.

For the calendar year 1895 the imports of Wool into the United States from foreign countries were 248,989,000 pounds, compared with 115,837,000 pounds in 1894, and 111,752,000 pounds in 1893. The increase in 1895 was mostly in the finer qualities, or clothing grades, of which the imports were 126,435,000 pounds, against 19,602,000 in 1894. These supplies being available to American manufacturers stimulated their operations very greatly, and strengthened the industry in its competitive ability in the markets for clothing material, especially of the better grades of product. Previous to 1895 the annual average consumption of domestic and foreign Wool in the United States was about 400,000,000 pounds, for a period of ten years; in 1895 it was advanced to about 650,000,000 pounds, implying an increase of about 65 per cent.

Statistical data appear on pages 151, 153 and 159.

**FEATHERS.**

The receipts of Feathers were largely in excess of any previous year, being slightly more than 1,000,000 pounds, compared with 733,000 pounds in 1894, and an annual average of 590,000 pounds for ten years ending with 1894. Prime quality sold at 34 cents in January, advancing to 35 cents in February, 36 cents in May, 37 cents in August, 38@39 cents in October, and 40 cents in November. The general average for the year was 37 cents per pound, compared with 35 cents in 1894, 41 cents in 1893, and 45 cents in 1892.

Statistical data appear on pages 151, 152 and 171.

**HOPS.**

There was a large reduction in receipts of Hops in comparison with the exceptional quantity recorded for the preceding year, the surplus from which, with the arrivals in 1895, proved ample for the demand. The year's receipts were 13,600 bales, compared with 23,700 in 1894, 18,300 in 1893, and 14,600 in 1892. Shipments for the year were 8,200 bales. Prices early in the year were 10@11 cents

per pound, receding to 9@11 in April, with a subsequent tendency downward, reaching 6@8½ cents in August and September; with the movement of the new crop 9@10 cents was obtained in October and November, reaching to 8@9 cents per pound in December. For the year the general average was 9.25 cents per pound, compared with 16.13 cents in 1894, 23.07 cents in 1893, and 26.18 cents in 1892.

Statistical data appear on pages 151, 152 and 169.

#### NAVAL STORES.

The receipts of Rosin were greatly enlarged, reaching 108,800 barrels, compared with 90,500 in 1894, 60,100 in 1893, and 64,300 in 1892. The receipts of Turpentine were 25,000 barrels, compared with 24,700 in 1894. Prices of Rosin ranged at \$1.75@2.00 per barrel for car lots, and \$1.85@2.20 for small lots from store; the average for car lots was \$1.90 cents per barrel, compared with \$1.75 in 1894, \$1.68 in 1893, and \$1.92 in 1892. Prices of Turpentine ranged at 29@42 cents per gallon, averaging 32.30 cents, compared with 33.21 cents in 1894, 34.35 cents in 1893, and 35.30 cents in 1892.

Statistical data appear on page 167.

#### CANDLES AND SOAP.

Shipments of Candles for the year were moderately reduced, showing a total of 130,500 boxes, compared with 142,200 in 1894, 168,100 in 1893, and 175,300 in 1892. The lessening demand for Candles in late years has been the natural result of the more extended use of other illuminants.

Shipments of Soap were moderately increased, and show a larger quantity than for any previous year, this industry maintaining very extensive proportions in this city. Total shipments were 1,287,000 boxes, compared with 1,266,000 in 1894, 1,063,000 in 1893, and 1,065,000 in 1892. The valuation of the year's shipments was approximately \$6,435,000.

The price of Star Candles was 8½ cents per pound at the opening of the year, declining in January to 8 cents, which quotation was continued to the end of the year; average for the year 8.04 cents, compared with 8.21 cents in 1894, 8.97 cents in 1893, and 8.80 cents in 1892.

Prices of the lower grades of Soap were considerably reduced, the higher grades of standard brands being well maintained.

Statistical data appear on pages 151, 166 and 167.

#### TALLOW.

Receipts of Tallow were 44,800 tierces, compared with 51,000 in 1894, 54,600 in 1893, and 60,900 in 1892. The local manufacture for the year was about the same as for the preceding year. Shipments were 4,700 tierces. The bulk of the supply of this product is absorbed by local manufacturers of Soap and Candles. At the opening of the year the price was 5 cents per pound, declining to 4½ cents before the close of January; in March there was some improvement, the price reaching 4½@4¾, and in April 5@5½; in May the market was easier, 4½@4¾ being

the prevailing range, declining to  $4\frac{1}{2}$ @ $4\frac{5}{8}$  in July; subsequently  $4\frac{5}{8}$ @ $4\frac{3}{4}$  cents represented the prevailing position until November, when a further tendency downward was shown, the year closing at  $4\frac{1}{2}$ @ $4\frac{1}{4}$ , and averaging 4.67 cents, compared with 5.15 cents in 1894, 5.56 cents in 1893, and 4.65 cents in 1892. For ten years ending with 1894 the annual average was 4.97 cents.

Statistical data appear on pages 151, 158 and 165.

#### LARD OIL.

The volume of production of Lard Oil in this city, or its distribution, is not shown in the statistics of the Chamber of Commerce. This product, while not called for in recent years to the extent it was formerly, under its displacement by oils of lessened cost, is still manufactured here on a fairly liberal scale. Prices of Extra grade were 58@61 cents per gallon early in the year, receding to 55@58 cents in February, and advancing to 57@60 cents in April; late in May quotations were reduced to 53@55 cents, and in June to 50@52 cents, the latter instance representing summer test; in October 53@55 cents was the prevailing quotation, declining to 50@52 cents in December. The year's average price was 55 cents per gallon, compared with 64 cents in 1894, 86 cents in 1893, and 61 cents in 1892. For ten years ending with 1894 the annual average was 61 cents, which compares with 81 cents as the average for ten years previously.

Weekly quotations appear on page 158; annual prices on page 151.

#### LINSEED OIL.

Until within a few years past Cincinnati was a large distributing market for Linseed Oil, but changes have been brought about by which the trade here represents little more than the local consumption of this article. The range of prices in 1895 were unusually wide, representing 53@59 cents per gallon for lots from store during the first three months, 55@61 cents for the second period of three months, and 35@62 cents for the third period of three months; for the remainder of the year the range was 37@42 cents. The average for the year was 51 cents, compared with 50 cents in 1894, 45 cents in 1893, and 40 cents in 1892. At the beginning of the year supplies were small, and at the close they were large.

Weekly prices appear on page 158; annual prices on page 150.

#### COOPERAGE.

The trade in Cooperage, including the local manufacture, was not equal to the enlarged proportions during the preceding year, although comparing favorably with other years. Prices of leading articles were without much change; Whisky Barrels were quoted at \$1.55@1.65 throughout the year, and Lard Tierces at \$0.85@1.15, excepting the latter part of December, when they were advanced to \$0.95@1.20; Pork Barrels were quoted at 65@90 cents until the latter part of December, when they were advanced to 75@95 cents.

Weekly quotations appear on page 172; annual prices on page 151.

### STARCH.

The Starch factories of Cincinnati operated well up to their capacity throughout the year, producing 28,630,000 pounds, compared with 28,403,000 in 1894, 22,099,000 in 1893, and 28,942,000 in 1892. The year of largest production was 1890, 30,073,000 pounds. The annual average for ten years ending with 1894 was 25,200,000 pounds. The year's shipments were 608,500 boxes, compared with 594,700 in 1894, and 470,200 in 1893. The average price was 2.86 cents per pound, compared with 3.19 cents in 1894, 3.32 cents in 1893, and 3.37 cents in 1892.

Statistical data appear on pages 151, 152 and 166.

### CARRIAGE MANUFACTURING.

The reverses which the Carriage trade experienced in 1893 and 1894 were not fully overcome in 1895, although for the most part a fairly satisfactory business was had by our manufacturers. It is noticeable that the demand for the lighter style of vehicles, in which this city has held the highest position in manufacture, has been perceptibly curtailed by the enlarging introduction of bicycles. The high reputation of the products of our factories has served to retain trade for this market, and the special advantages commanded here for such manufacturing operations have enabled the producers here to successfully compete with other localities in offerings of this class of goods. The total value of the product of local factories in 1895 is estimated at about \$9,500,000, compared with \$9,000,000 in 1894, \$8,000,000 in 1893, and \$11,000,000 in 1892.

### FURNITURE.

There was considerable revival of trade in Furniture for 1895 in comparison with the preceding year, especially in the distribution of goods outside of the city. This market has long been especially conspicuous in this line, and of late years has been a distributing center for products of factories elsewhere to a much greater extent than formerly. The local product has been noted for its artistic characteristics and quality. The trade here reaches out to all portions of the country, in competition with other distributing centers. The work produced and furnished embraces fittings for banks and private offices, mantels and interior trimmings of residences, etc., as well as every description of household articles in this line. The output of local factories for the year is estimated at approximately \$7,500,000, and sales of goods from other sources about \$1,500,000, representing a total of \$9,000,000.

### PAPER TRADE.

A very large business has been conducted in the manufacture of Paper in the vicinity of Cincinnati. Competition has been sharp, and the introduction of cheapening processes in manufacture have tended to not only lower the price of the product as offered in the market, but likewise to make it the more difficult for manufacturers to secure remunerative results, where the newest and best of

facilities have not been at command. The declining tendency of prices which have of late years been steadily noted was not wholly checked in 1895, at the close of which News grade was  $\frac{1}{8} @ \frac{1}{4}$  cent and Book  $\frac{1}{2}$  cent per pound lower than at the close of 1894. The entire output of the mills in this district in 1895 is estimated to have been approximately 140,000,000 pounds, having a value at the mills of about \$4,750,000.

Comparative prices appear on page 193.

#### MANUFACTURING COMPARISONS.

There was a fair improvement in most lines of Manufacturing in this city and vicinity in 1895 compared with the preceding year. Returns from a large number of concerns in several lines of industry appear to suggest an average of about 5 per cent. as the gain in value of product. It is therefore within reason to estimate the total value of the output for the year at \$235,000,000, in comparison with \$225,000,000 estimated for 1894. These figures compare with \$238,000,000 for 1893, and \$255,000,000 for 1892, the latter representing the maximum point reached by such activities. The later figures are based on lower prices of product, and therefore the comparison of totals does not reflect the relative volume of goods produced. The aggregate valuation estimated for 1895 is about 8 per cent. below the estimate for 1892, which suggests that so far as quantity of goods is concerned the past year has been little if any short of 1892 in such comparison.

In the consultation of Census office returns and comparisons it should be borne in mind that such data are not complete in information reflecting the Manufacturing importance of this locality, for the reason that a large proportion of such operations is carried on in establishments outside of the corporation limits.

Investigations by the Chamber of Commerce have made it appear that the extent of Manufacturing operations in this locality in 1870 was about \$125,000,000, increasing in 1880 to \$155,000,000. During the next decade the development of industrial enterprise was very great, the total value of manufactures in 1890 being \$236,000,000, advancing afterward until about \$255,000,000 represented the output in 1892—indicating an increase of fully 100 per cent. in comparison with the position in 1870. An examination of relative prices of products suggests that an average decline of about 33 per cent. occurred within the period from 1870 to 1892, implying that it required 50 per cent. more product in the later year for a given amount of valuation than it did in the earlier year, so that while valuation had doubled, the volume of products had trebled in the period of twenty-two years.

#### BANK CLEARINGS.

There was not an important increase in the Bank Clearings of the past year compared with 1894, as shown by the records of the Cincinnati Clearing-House, the total being \$651,284,000, compared with \$643,441,000 for the preceding year, \$642,369,000 for 1893, and \$750,789,000 for 1892, which was the largest annual volume of such records, and in comparison with which the figures for 1895 indi-



cate a decrease exceeding 13 per cent. The lowest monthly total within the year was \$47,056,000, in February, although the August and September totals were relatively somewhat lower, considering the number of days; the highest total was \$60,012,000, in January. The first six months of the year 1895 represented \$328,500,000, and the second six months \$322,500,000.

Tabulated details and comparisons appear on page 194.

#### INTERNAL REVENUE.

The collections of the Internal Revenue Office at Cincinnati in 1895, from all sources, were about  $3\frac{1}{2}$  per cent. smaller than in the preceding year, making a total of \$7,818,000, against \$8,090,000 in 1894, \$7,885,000 in 1893, and \$7,654,000 in 1892. The amount of tax collected on Spirits was \$5,823,000, against \$6,304,000 in 1894; on Beer, \$1,109,000, against \$1,046,000 in 1894; on Tobacco, \$649,000, against \$587,000 in 1894; also for Special Taxes, Licenses, etc., \$237,000, against \$153,000 in 1894.

A detailed statement with comparisons appears on page 190.

#### THE NATIONAL BOARD OF TRADE.

The twenty-sixth annual meeting of the National Board of Trade was held at Washington in January, 1896, when the Cincinnati Chamber of Commerce was represented by the following list of delegates: JOHN A. GANO, F. A. LAIDLEY, SAMUEL BAILEY, JR., MICHAEL RYAN, E. P. WILSON, BELLAMY STORER, SAMUEL W. TROST, J. MILTON BLAIR, J. F. ELLISON, C. B. MURRAY.

On the official list of subjects before the meeting were the following, submitted by the Cincinnati Chamber of Commerce: Currency Revision; Bankruptcy Legislation; Improvement of Navigable Waterways; Deep Waterway Facilities; Interstate Commerce; Railroad Receiverships; Steamboat Libel Law; Reciprocal Trade; Information Concerning Leading Agricultural Products; Forestry; Land Title Registration, by the "Torrens" plan.

From the report of our delegation to the Board of Directors of the Chamber of Commerce, prepared by the Chairman, Mr. GANO, the following extracts are copied: "The resolutions which called for consideration by Congress have been duly presented in the prescribed manner, and will, doubtless, receive fair consideration. From the fact that the committees of Congress to whom such matters go profess to receive expressions of the sentiments of business men representing varied commercial and manufacturing interests with increasing concern, there is good reason to hope for satisfactory results in the halls of legislation. No better encouragement as to the work of the Board, perhaps, can be found than in the fact that its deliberations on important public questions have, during the twenty-eight years of its existence, been so uniform in results. Discussions on many of them have had wide range, and individual views have varied greatly, yet the crystalization of sentiment on different ones has continually had about the same form, or meaning. This is well illustrated by the resolutions on Finance adopted by the first meeting of the Board, which was held at this city in December, 1868.

and by the last meeting held at Washington in January last. Those of 1868 will be found in the report of the meeting of that year, on pages 214 and 215. It will be interesting to compare them. A change of importance in the National Bank Act, as to quarterly reports, is credited to the action of the Board, as shown on page 224. The action of the Board as to improvement of the Ohio and Mississippi rivers, and also as to Bankruptcy Legislation, has again and again been uniform and emphatic, though both subjects have been extensively discussed. It is pleasant to recognize the effect of the persistent efforts of the Board in regard to improvements and reforms of the Consular Service. Those efforts have secured sympathetic action on the part of the PRESIDENT, and of the Department of State. Only quite recently the House of Representatives has voted for a bill to make effective and permanent the leading features of the desired reform.

"In conclusion we respectfully suggest that the undertakings of the National Board of Trade can be greatly promoted and strengthened by the vigilant, energetic co-operation of its constituent members, and we feel it to be our privilege to urge that our Chamber of Commerce should not neglect its opportunity to be useful to the business world at large no less than to be useful in promoting the interests of its individual members, by thoughtful consideration of and action upon all measures that are intended to secure best results for the business prosperity of the entire country. To this end should not our superb home be made something more than a place for the mere convenience of trading? Should it not fulfill better than it does the object that was paramount in the organization of a body a large part of whose business was intended to be deliberative?"

#### WEATHER BUREAU SERVICE.

The Chamber of Commerce has continued to enjoy the valuable service rendered by the United States Weather Bureau, maintained locally under the intelligent and zealous labors of Mr. S. S. BASSLER. The Weather Map indications have been daily consulted with great interest, as well as the local forecasts. Daily reports of the stages of the Ohio River and tributaries, representing many points, have been regularly received, and posted on a special bulletin-board, arranged so as to afford daily comparisons for a period of a week. The river traffic interests are especially appreciative of these facilities.

A full Weather Summary for the year, from Mr. BASSLER's office, together with complete tabular exhibits of Meteorological matters, prepared especially for this report, will be found on pages 212 to 217, inclusive.

#### FREIGHT BUREAU.

The Freight Bureau of the Cincinnati Chamber of Commerce extended its scope of service the past year by taking up the question of improvement of the Ohio River in the interest of the commerce and industrial prosperity of this locality. In conjunction with the Board of Directors of the Chamber of Commerce steps were taken for securing a convention of river interests, and as a result there assembled in this city, in October, a large number of persons identified with and interested in these affairs, from the standpoint of navigation, manu-

facturing and trade. It was undoubtedly one of the most important gatherings of business interests in the history of the Ohio Valley. The commercial importance of the Ohio River and tributaries was presented and discussed in the light of experiences of the past, the conditions of the present, and the recognized possibilities of the future. There was formed the Ohio River Improvement Association, whose province it is to follow up the work of advising the national legislators of the needs of these waterways, and to urge the necessary appropriations for governmental work upon them, and otherwise to promote the general plan for securing the betterment of navigation facilities in this great natural waterway.

The Freight Bureau of the Cincinnati Chamber of Commerce had its beginning in 1890. A joint committee, composed of a committee from the Board of Directors, the Standing Committee on Transportation, and a committee representing the Receivers' and Shippers' Association, after giving the question consideration, reported to the Chamber in favor of the organization of such a bureau, as an enterprise that would be of great benefit to its contributors and to the general commercial and industrial interests of Cincinnati. On February 24, 1890, the matter came up for general discussion, and on February 26, the plan as contemplated by the report of the joint committee was adopted by unanimous vote. The Bureau is governed by an Executive Committee of eighteen, chosen annually, nine of whom shall be members of the Chamber of Commerce; of this number, four to be appointed by the Board of Directors, the other five to be the regular Committee on Transportation, of the Chamber; the President of the Bureau to be chosen from the nine members here mentioned. The other members of the Executive Committee are not required to be members of the Chamber of Commerce. The cost of the maintenance of the Bureau is partly assessed upon the business concerns which avail themselves of its services, and also partly by the treasury of the Chamber of Commerce, the latter representing one-half of such expenses, the liability of the Chamber being limited to \$4,000 annually.

The objects of the Bureau are stated as follows: To give the railroads and transportation companies such information regarding the various lines of goods it represents as shall insure their proper classification; to secure freight rates to, from and through all shipping points that shall in no case discriminate against Cincinnati; to assist in adjusting claims, and to render its services to members, individually and collectively, in all matters pertaining to the transportation of merchandise and the extension of the trade of Cincinnati.

#### **RAILROAD INTERESTS.**

It would be interesting to present a comparative statement of yearly tonnage of the several railroads entering this city, relative to freight originating and terminating here. But such information is not available, nor any comprehensive collection of data having a bearing upon such matters.

There was not much of special note within the year, of a local nature, incident to railway affairs. The prolonged condition of low stage of water in the Ohio River, cutting off the usual movement of coal through such means, served to enlarge the railroad traffic in this product, which exceeded any previous year in volume, and represented 40 per cent. of the total receipts of coal for the year.

This facility for the relief of our industrial and domestic requirements is a matter of very great importance. It has been demonstrated that coal can be thus delivered in this city to consumers at a cost little above the lowest basis of river supplies. And at the same time it is a feature of particular satisfaction that the product from mines reached by the railroads is of the highest quality, maintaining the position of this market in its well-understood command of such fuel of a quality superior to that which is available in most other sections of the country. The significance of this assurance of low cost of coal freight afforded by the railroads making deliveries in this city is evident when it is considered that this traffic can thus be successfully maintained in comparison with the to barge system, in the Ohio River and tributaries, which has been shown to represent the cheapest transportation known in the commercial world.

It is evident from available information that railroad traffic in this region was moderately enlarged the past year, some of the lines reporting an increase of approximately 10 per cent. There was some increase in gross earnings, but it is doubtful if the rates received produced a satisfactory net revenue, after a recognition of necessary current expenses and maintenance of condition of the properties. It is to be borne in mind that more or less of changes in equipment are almost constantly called for in the demands of the patronizing public, which form an element of expense in the general question of maintenance of condition.

Incident to the introduction of a municipal bill contemplating authority for an enlarged use of space on the Public Landing for railroad tracks, for receiving and discharging freights, the Chamber of Commerce was appealed to, and took the question up, with the result that the predominating sentiment of business interests was unfavorable to such occupancy of this needful open way leading to the main wharfage facilities of this port. In connection with the consideration of this question various other matters were entertained and discussed, including the desirability and practicability of a belt railway system, for the more ready disposition of freight passing from one line to another, and of freight deliverable and receivable at points in this city not now readily accessible by tracks. The interest manifested in the matter was such as to give encouragement to the view that the plan will likely take definite form in the not distant future.

There was less friction between the shipping and railroad transportation interests than has ordinarily been apparent, which fact was largely due to the manifest disposition of the railroad managers to meet the wishes of their patrons in every reasonable demand. There was also an absence of strikes among railroad employees.

#### RIVER TRANSPORTATION INTERESTS.

As unsatisfactory as was the preceding year in the affairs of River Transportation in which this city is especially concerned, the year 1895 was even more unfavorable, from the same causes which prevailed in 1894, the low stages of water. The navigable period was exceptionally short, representing altogether about five months, for the entire year. In February there was interruption to navigation from ice. From June to December the drought in this region and consequent low stage of water suspended navigation, and the general result was the most disastrous known to River Transportation interests of any year in the history of this locality.

There was excessive rainfall in January, especially in the earlier portion of the month, which brought a high stage of water, reaching a point in excess of 48 feet at Cincinnati on the 14th; the subsequent decline was to about 10 feet on February 8, when ice closed the river to navigation, until near the end of the month.

The annual rainfall in 1895 at Pittsburgh was less than the low record for 1894, and decidedly less than for any previous year of which we have available information. Here at Cincinnati it was somewhat in excess of the low record for 1894, which fact is due to the heavy precipitation early in January; within the period of sixty-one years for which we have records, with only one exception, that of 1856, was the annual rainfall as small as in 1894 and 1895; for these two years the rainfall averaged only 65 per cent. of the annual average previously.

An examination of the rainfall records for Cincinnati shows the annual average to have been 44.32 inches for the ten years, 1835-44, inclusive; 50.01 inches for 1845-54; 38.60 inches for 1855-64; 41.45 inches for 1865-74; 46.88 inches for 1875-84; 35.48 inches for 1885-94. Leaving out the low record for 1894 the general average for fifty-nine years was 43.10 inches, compared with which the record for 1894 was 26.58 inches, and for 1895 it was 29.33 inches. Within the period of ten years ending with 1894 the highest annual rainfall was 47.70 inches; in 1847 it reached the extreme of 65.18 inches.

These data afford explanation for the low stages of water in our navigable streams the past two years, and serve to indicate the need of such effort within the range of practicability as can be made for modifying the extent of interruption to navigation by low stages of water, by the introduction of improvements calculated to be effective in securing such results. The importance of the Ohio River and navigable tributaries in transportation, in the promotion of industrial enterprise, in the movement and distribution of materials and products of factories and of agriculture, has been intelligently and effectively laid before Congress, and it is hoped that in due time such relief may be had as the vast interests affected deserve.

In October, under the auspices of the Cincinnati Chamber of Commerce, there was held a convention of river interests in this city which will undoubtedly lead up to beneficial results. Incident to the proceedings of the meeting an interesting and valuable statement was presented by COLONEL AMOS STICKNEY, of the U. S. Corps of Engineers, the Government officer in charge of the improvement of the Ohio River, from Pittsburgh to Cairo. This statement intelligently referred to the general conditions attending this natural waterway, the extent to which improvements had been introduced in aid of navigation, the different methods by which work might be conducted for securing an extension of navigable periods in times of low stages of water, and various other features pertinent to the general question. We copy briefly from COLONEL STICKNEY's statement, as follows: "From the knowledge we have of the river it would appear that in the upper part, where the water supply is small and the slope steep, the system of slack-water navigation is the only one that can be adopted for making channels navigable at all times. This system must probably extend as far as Wheeling, and perhaps to Marietta. From Marietta to Cairo I believe that open river work will produce navigable channels, which would increase in width and depth as they approach the mouth of the river. I should not say positively what depths and

widths of channel can be obtained. But what I believe can be obtained, and should be strived for, is about as follows: At Marietta the low-water channel through the ripples might be about 300 feet in width. In descending the river the widths through the ripples would increase to about 700 feet at Cincinnati, 1,000 feet at Evansville, and 1,500 to 2,000 feet at Cairo. In such channels I believe central depths could be obtained of 6 feet from Marietta to Cincinnati, 6 to 7 feet from Cincinnati to Evansville, and from Evansville to Cairo, depths varying from 6 to 10 feet. In the upper part of the work, where the low-water channels would be narrow, the contraction works should be kept as low as possible, so that at higher stages large coal tows could pass over them; at the lower stages small coal tows could use the low-water channels. To produce such channels a great deal of work would be required, and it would be almost impossible to fix upon a definite estimate of cost, for it is not possible to foretell what effect the changing of channels at one point will have on other parts of the river, and consequently how much work will be required. But I feel very confident that the cost of such improvement would be vastly less than the cost of a slack-water system. The improvement of the channel at every bar benefits the navigation for a long reach of river. For instance, between this city and Louisville, last fall, there were three bars that compelled the steamboat companies to make transfers. Medoc, Gunpowder and Craig's bars were for a time impassable. This season Medoc and Gunpowder have been made navigable, and the reach between the two cities has been made passable at a lower stage than before, and by the next year it is hoped that the larger steamers can be kept in service without interruption. The work for the radical improvement of the upper part of the river, by the construction of movable dams, has been commenced, and is in progress. The open river work has been in progress for many years, but has not been so vigorously pushed as to produce results that might have been attained. There is, however, a continual betterment of the channels."

The record of steamer departures in 1895 from Cincinnati makes a sorrowful showing even in contrast with the low records for 1894 and 1893; for 1895 the total was 983; for 1894 the total was 1,694, and for 1893 it was 1,894. For ten years ending with 1892 the annual average was 2,270; for ten years ending with 1882 the annual average was 2,627, and for ten years ending with 1872 the annual average was 2,736.

Statistical details relating to river affairs, rainfall, etc., will be found on pages 197 to 203, inclusive, and of daily stages of the Ohio and tributary rivers, during the year, on pages 209 to 211, inclusive; following which, on pages 212 to 217, inclusive, are exhibits and a summary pertaining to weather conditions.

#### MARINE WORKS.

The River and Harbor works embraced in this district have remained in the charge of LIEUT.-COLONEL AMOS STICKNEY, Corps of Engineers, U. S. A., until the close of 1895, when orders were issued by the War Department assigning COLONEL STICKNEY to duty at St. Louis, in connection with the improvement of the Mississippi and Missouri rivers. He will be succeeded at Cincinnati by MAJOR

W. H. HEUER, Corps of Engineers, U. S. A., who has heretofore been stationed at San Francisco, Cal., in charge of river and harbor work in that vicinity.

COLONEL STICKNEY has been assisted in his duties by CAPTAIN WILLIAM C. LANGFITT, Corps of Engineers, until August 16, and since September 16 also by LIEUTENANT MASON M. PATRICK, Corps of Engineers.

The Chamber of Commerce is indebted to COLONEL STICKNEY's office for the following detailed information in regard to the work performed in his department the past year:

The work in this district comprises the improvement of the Ohio from Pittsburgh to Cairo, the Davis Island Dam, the new Movable Dam near Beaver, the Muskingum from Zanesville to the mouth, and the special surveys ordered by Congress.

The improvement of the Ohio is effected by the construction of dikes and dams, the removal of snags, wrecks and other obstructions by the U. S. snagboat "E. A. Woodruff," and the excavation of bars and shallow channels by the U. S. dredges Ohio and Oswego, and by hired dredging plants when necessary.

The dikes and dams were constructed by contract during the year at the following locations, and were all completed except the dikes at Three-Mile Island, which are practically finished, viz.:

Blennerhassett Island.....	1 dike	Flint Island.....	8 dikes
Guyandotte Bar.....	4 dikes	Scuffletown.....	2 dikes
Gunpowder Bar.....	2 dikes	Three-Mile Island.....	6 dikes

In addition to the above, dikes were partly or wholly built at Medoc and Gunpowder, and at Eight-Mile and Five-Mile bars above Cincinnati, the material dredged from the bar at the mouth of Licking River being transported on barges and utilized for the purpose, accomplishing the work at a minimum cost. Owing to the nature of the channel the effect of these dikes is more marked at some points than at others, but the general benefit to navigation has been decided, and the results have been very satisfactory.

The removal of Licking Bar, a work of special importance to the commerce of Cincinnati, and the Licking River, has been carried on as heretofore under the charge of Mr. R. R. JONES, Assistant Engineer. The plan adopted in 1894 and continued this year, was the excavation of the bar by submarine blasting from a Government boat equipped with two large "Ingersoll" steam drills and other suitable machinery, and the subsequent removal of the material by hired dredges. Operations were resumed in June and continued until the first of December, the total material blasted and removed during the season being 15,145 cubic yards. As stated above, this material was used in building dikes at Gunpowder and Medoc, and at Eight-Mile and Five-Mile bars.

The total material removed from the bar since the work was begun in 1887, is 29,862 cubic yards, the work done being directed to the extension of a channel 100 feet wide, about half the width contemplated, from deep water within the Licking River to a point about 400 feet above the Suspension Bridge, where a good depth of water prevails in the Ohio, the course of the channel curving grad-

ually outward from the Licking until it is slightly beyond the center of the Ohio River.

The work done in 1894 and 1895 has shown most conclusively the great economy of the method pursued.

The U. S. snagboat "E. A. Woodruff," commanded by CAPT. W. H. CHRISTIAN, began the season's work on June 22, working down stream from Cincinnati as far as Hughes Bar, 143 miles below. At this time a rise in the river gave an opportunity to reach the upper river where her work was urgently demanded by the numerous obstructions which had accumulated during recent years, the long periods of low water since 1892 having deprived that section of her services almost entirely. She was accordingly ordered to Pittsburgh, but was only able to reach Freedom, Pa., 25 miles below. This rise was of only short duration and was followed by an extremely low stage of the river which completely suspended wrecking operations, although a large number of dangerous rocks were removed from the channel by the crew. A part of the crew were also brought to Cincinnati, in October, and removed the wreck of the steamer Big Sandy which had burned and sunk at the wharf. A slight rise in November permitted the snagboat to proceed down stream, and she worked in the channel as far as Evansville. Low water and cold weather made further work impracticable, and at the end of the year the boat was placed in winter quarters at the mouth of Kentucky River.

Besides the interference with the operations of the snagboat on account of the unprecedented low water, her work has been greatly hampered as in former years by the limited appropriation available—\$25,000 per year. Twice this sum would not any more than suffice to do a full season's work and keep the channel clear of obstructions.

During the season the boat traveled 2,090 miles, and removed 26 wrecks, 343 snags, and 6,300 cubic yards of rock.

In addition to the snagboat operations, a large amount of special work of this kind was rendered necessary by the frequent accidents to the coal fleets, in the latter part of the year, the channel being several times entirely blocked.

In order to clear a passage for other descending fleets and protect shippers from additional loss by delay, immediate action was taken, and the wrecks were mainly removed by dynamite and the services of such boats as were available. There were removed in this manner in February, 2 coal barges at Phillisi Island, and in December at various points within fifteen miles of Pittsburgh, 15 coal barges, 15 coal boats and 1 flat.

The U. S. dredges Ohio and Oswego, in charge of Mr. E. J. CARPENTER, Assistant Engineer, went into commission on May 13, the principal work done during the season being at Blennerhassett Island, Guyandotte and Gunpowder bars.

Operations were begun at the mouth of the Muskingum River where 1,230 cubic yards were removed from the gravel bar, widening the channel 75 feet, and making it possible for boats to enter the river without getting aground. The dredges then proceeded to the foot of Blennerhassett Island to open a channel below the towhead, at the gravel reef which interrupted navigation before the river fell to a low-water stage. A channel of 100 feet minimum width was made by removing 11,680 cubic yards soft gravel, and there seems little doubt that the



new dike will keep it open. En route to Guyandotte the dredges broke up and removed from the channel at the head of Vienna Island a sunken coal barge which had been abandoned by the owners. At Guyandotte the dredges worked from May 27 to November 18, cutting down the bars which for a number of years have seriously impeded low-water navigation at that point, and excavating to promote the formation of the channel designed by the new dikes. Part of the work done here to assist low-water packets was the dredging of a channel through the bar, 125 feet wide and 1,200 feet long. The usual low water interfered considerably with the movements of the dredges, and when this work was interrupted the crew were employed with small boats in removing the great number of rocks for which this locality has always been noted. Many of these rocks were very dangerous obstructions, and plainly bore the marks where they had been rubbed by passing boats. The rocks removed from the channel and from the river banks were used to build two additional low dikes, thus extending the improvement to the foot of the ripple. Guyandotte Bar has always been one of the worst points on the river, and the results of the season's dredging is considered highly gratifying, though this improvement is not yet completed. The following table shows the work done :

Gravel and bowlders and loose rock excavated.....cubic yards, 57,996	Large rocks removed, 66.....tons, 85
Stone removed from channel....cubic yards, 1,607	Logs removed, 23.....tons, 20
	Snags removed, 26.....tons, ..

At Gunpowder Bar the work laid out here included a cut near the center of the new channel, 60 feet wide, about 3,800 feet long, and 6 feet deep at low water, together with some work on the shore bars, but owing to high water and accidents the channel work was only about half completed. Further dredging will be necessary as the hard crust of cemented gravel overlying the bar will probably prevent the dikes from scouring sufficiently without assistance. Considerable work was done on Gunpowder Bar and the shore bar below, when the stage of water prevented work in the channel. Operations were carried on from November 25 to December 26, when a rapid rise in the river made it necessary to suspend the work for the season. The following exhibit represents the work that was done :

Total excavation of the work—	Gunpowder Bar.....cubic yards, 18,331
Channel.....cubic yards, 12,529	Lower Shore Bar.....cubic yards, 1,667

A work of great importance to the protection of river and commercial interests is the establishment of harbor lines at Pittsburgh, Wheeling and Cincinnati. The Board of Engineer Officers recently in charge of the work, composed of LIEUT.-COLONEL AMOS STICKNEY, MAJOR D.W. LOCKWOOD, and CAPTAIN H. E. WATERMAN, have made their report upon the lines at Cincinnati, the reports on lines at Pittsburgh and Wheeling having been previously submitted. The recommendations of the Board defining the lines, determining the bank slopes, and prohibiting the placing of structures within the lines, have been concurred in by Chief of Engineers and approved by the Secretary of War.

COLONEL STICKNEY has been authorized to have the necessary base lines and level lines run, and suitable monuments and bench marks placed. The completion of this work, by the publicity of exact information on this subject, will no doubt put an end to the encroachments on the channel, and the consequent controversy and litigation heretofore caused by ignorance or disregard of the rights of navigators.

Another work which especially concerns the Chamber of Commerce and the business interests of Cincinnati, is the survey for a canal from Lake Erie to the Ohio River through the State of Ohio. This has been continued under the direction of CAPTAIN H. M. CHITTENDEN, Corps of Engineers, U. S. A., the executive and disbursing officer, stationed at Columbus, Ohio. By the death of COLONEL O. M. POE, COLONEL AMOS STICKNEY became the senior member of the Board of Engineers to whom the survey was assigned, the vacancy in the Board being filled by MAJOR WILLIAM S. STANTON, Corps of Engineers, Oswego, N. Y.

The survey work and the compilation of data pertaining to the subject has been very complete and thorough considering the small appropriation made by Congress, \$20,000. The work is nearly finished, and the report of the Board will be made at an early date.

The locks and dams on the Muskingum River, in charge of Mr. EDMUND MOESER, Assistant Engineer, have been operated throughout the year except when interrupted by ice. The work has been mainly confined to the continuation of repairs required to maintain good navigation. The dilapidated condition of these works when received from the State has involved much labor, but the aim has been to make the work as permanent as possible, and as a result its general condition is excellent. One of the most serious drawbacks to navigation on the Muskingum, heretofore, has been the condition of the draw-spans in the Baltimore and Ohio Railroad Bridge at Marietta, and in the County Bridge at Taylorsville. During the year pivot piers have been placed in both structures, and the required alterations are nearly complete. The change in the Baltimore and Ohio Bridge will be of especial benefit to the commerce of both the Ohio and Muskingum, as it will permit the easy passage of the larger class of boats, and will also make an accessible ice harbor in the pool above the lock.

The commercial statistics for the year are as follows, being the aggregate amount passed through the ten locks :

VESSELS, ETC.	Ascending.	Descending.	VESSELS, ETC.	Ascending.	Descending.
Steamboats.....	3,087	2,895	Merchandise, tons.....	28,987	38,929
Barges and Flats.....	468	491	Lumber and timber, ft., B. M.	5,776,000	7,267,000
Rafts .....	20	13	Coal, bushels.....	281,800	60,805
Miscellaneous Craft.....	374	443	Passengers.....	45,632	52,243

The Davis Island Dam and the new Movable Dam at Beaver, have been in the local charge of Mr. WILLIAM MARTIN, Assistant Engineer, who has also supervised the surveys required for locating the four similar dams proposed between Davis Island and Beaver.

Work on the Beaver Dam was resumed on June 20, and continued until in December. A power-house has been built and boilers put in for supplying steam

needed in construction work and for operating purposes after completion. All the masonry of the lock is now practically completed, except a gap left in the river-wall where the dam will join it, and a similar gap in the land-wall for water conduits and for conveying pipes to the hydraulic jacks in the river-wall for operating the lock filling and discharging valves. A small amount of masonry also remains to be done after the machinery for operating the lock-gates is placed. The uncompleted masonry, both concrete and stone, in the lock walls is about 15 per cent. of the total quantity.

The commercial statistics at the Beaver Dam vary but little from those at Davis Island, which are given below.

At Davis Island a steel maneuvering boat for operating the dam was built under contract with Riter & Conley, of Pittsburgh, the boat previously used being entirely worn out. The boat was delivered in June and has been found entirely satisfactory. An auxiliary gate for the bear-trap was constructed but not yet been put in place. New wickets have been made and substituted for those broken and worn out, and repairs have been made to the lock-gates and gate recesses. At the first of the year the dam was down; it was raised in May and lowered in November, remaining down till the end of the year.

The following is a statement of the commerce and lockages of vessels, which will be found much less than in previous years on account of the low stage of river which prevailed, and which caused an almost entire suspension of navigation during the greater part of the season :

VESELS.	Ascending.	Descending.	VESELS	Ascending.	Descending.
Packets.....	189	185	Coal Barges.....	2,151	2,449
Towboats.....	958	1,008	Flats.....	798	1,073
Model Barges.....	51	56	Rafts.....	...	18
Coal Boats.....	468	1,236	Miscellaneous Craft.....	72	120

Total tonnage of the above, 2,184,985.

Tributaries of the Ohio River southward were under charge of MAJOR D. W. Lockwood, Corps of Engineers, U. S. A., up to September 4, 1895, and since that date, under charge of MAJOR JAMES F. GREGORY, Corps of Engineers, U. S. A.

*Kentucky River, Kentucky.*—The six locks and dams extend slack-water navigation to Twin Shoal, five miles above High Bridge, Ky., making the head of slack-water navigation on the Kentucky River 125 miles from the Ohio. The locks have been operated throughout the year, with interruptions of short duration at Lock No. 4, near Frankfort, Ky., where a new stone miter-sill was substituted for a wooden one, and at Lock No. 1, four miles from the Ohio, where the dam was repaired and backed. New upper guide-cribs were constructed at Lock No. 4, and new lower guide-cribs were constructed at Lock No. 5. The channel of the river has been kept free from snags by the U. S. steamer "Gen. O. M. Poe." The land required for site of Lock and Dam No. 7, at High Bridge, Ky., has been purchased.

Commercial statistics show that during the fiscal year ending June 30, 1895, 296,318 tons of freight were passed through the different locks. During the same period 6,780 lockages were made, passing 8,436 craft, rafts and flats.

*Green and Barren Rivers, Kentucky.*—The four locks in Green River, and the one in Barren River, were operated throughout the year, excepting old Lock No. 2 in Green River, at Rumsey, Ky., which, on account of the dangerous condition of the walls, was closed to navigation on August 25, 1895. The new lock at this point, located on the river side of the old one, was so far completed that, on December 8, 1895, it was opened to navigation between the hours of 4 p. m. and 7 a. m. on week days, and for the entire twenty-four hours on Sundays; this arrangement proved satisfactory to the river interests and yet did not interfere with the work in progress on the new lock and its appurtenances. The land required for site of proposed new Lock No. 5, Green River, and right of way to same, has been acquired by purchase, but it has been necessary to institute condemnation proceedings in order to acquire title to the land required on the abutment side of the river; this matter is now in the court. The channels of Green and Barren rivers have been kept free from snags by the U. S. snagboat "William Preston Dixon."

Commercial statistics show that during the fiscal year ending June 30, 1895, 344,833 tons of freight were passed through the different locks. During the same period 8,016 lockages were made, passing 7,293 craft, rafts and flats.

*Big Sandy River, West Virginia and Kentucky.*—The present plan provides for the construction of a movable dam of the "Poiree" type. During the past year the masonry of the weir, pier and abutment was completed; all fixed iron work was placed on the weir; the West Virginia bank was graded, paved and riprapped; the Kentucky bank graded; a crib placed at the head of the river lock wall to protect the latter from damage by floating drift, ice, etc., and two lock-keepers' dwellings were practically completed. The lock and dam are practically completed, with the exception of the movable parts of the dam above the sills, and the construction of lock-gates.

Commercial statistics show that 545,910 tons of freight were transported during the fiscal year ending June 30, 1895.

*Tug and Levisa Forks of the Big Sandy River, West Virginia and Kentucky.*—These streams have been kept clear of snags, rocks, etc., to improve steamboat and pushboat navigation, and to facilitate rafting.

*Rough River, Kentucky.*—The project for the improvement of this stream provides for removing the overhanging trees on the banks, and also snags, logs and stumps in the bed of the river, and for the construction of a lock and dam near the site of the old one, about seven miles from the mouth in Green River, Kentucky. During the past year the river was cleared of obstructions; the river wall of the old lock which constituted an obstruction to navigation was removed, the river wall of the new lock and the abutment, both constructed of concrete, were completed, and the necessary excavation made for the land wall. The dam and the land wall of the lock yet remain to be built.

*Little Kanawha River, West Virginia.*—The Government lock in this stream, known as No. 5, located near Burning Springs, W. Va., has been operated during the past year when the volume of water in the stream made it possible. During the entire month of February, 1895, navigation was suspended by reason of the river being frozen over, and no lockages were made from September 1 to Decem-

ber 20, on account of the low stage of the water and the leaky condition of the dams, of the Little Kanawha Navigation Company, below.

Commercial statistics show that 179,240 tons of freight were passed through Lock No. 5 during the fiscal year ending June 30, 1895. During the same period 1,617 lockages were made, passing 1,772 craft, rafts and flats.

*Guyandotte River, West Virginia.*—This stream was kept clear of snags, rocks, etc., to improve steamboat and pushboat navigation, and to facilitate rafting.

#### LIGHTHOUSE SERVICE.

The Fourteenth Lighthouse District embraces the Ohio, Great Kanawha and Tennessee rivers.

For the first three months of the year ending with December 31, 1895, the district was in charge of LIEUT.-COMMANDER F. W. CROCKER, U. S. N., and for the remainder of the year in charge of LIEUT.-COMMANDER W. W. GILLPATRICK, U. S. N.

There are in the district 528 lights, distributed as follows: Ohio River, 456; Kanawha River, 34; Tennessee River, 38; all of which are in excellent condition.

No material change in the number of lights has been made for several years, the annual appropriations having been limited to the maintenance of existing lights; but the endeavor is made to make such changes in locations, from time to time, as the interests of masters and pilots demand.

## HISTORY OF WEATHER BUREAU SERVICE.

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The influential service of the Cincinnati Chamber of Commerce in promotion of important measures not purely local is well illustrated in the history of the Weather Bureau Service, which practically had its beginning here. In 1869, PROFESSOR CLEVELAND ABBE, then Director of the Cincinnati Observatory, addressed the officers of the Chamber of Commerce, calling attention to the possibility and importance of daily weather predictions, at the same time offering to conduct such work as a part of the service of the Observatory. The plan contemplated arrangements for telegraphic reports from various localities, situated so as to furnish a good basis for deductions as to Meteorological conditions and changes. The officers of the Chamber of Commerce entertained the matter favorably, and appropriated a liberal sum to inaugurate the movement.

There was an effort to secure the co-operation of other commercial bodies, elsewhere, especially at Chicago, but the Directors of the Board of Trade of that city declined to join in the movement. Our Chamber of Commerce sent a representative to New York to confer with the President of the Western Union Telegraph Company, with a view to securing the collection of the desired information by the local service of that company at the several stations, sixteen in number being contemplated under the early arrangements. The President of the Telegraph Company had the intelligence to grasp the merit of the proposition, with its apparent possibilities, and entered into the plan cordially. He ultimately proposed to have the service of the company collect the information without charge, if the necessary instruments and appliances would be furnished, it being suggested that this expense be borne by the Government. The matter was laid before and entertained by the National Board of Trade, with a recommendation to Congress for an appropriation to carry out the plan, and prompt action was taken in line with such recommendation.

In view of the great importance of the work of the Weather Bureau, as now organized and operated, and its wide influence upon agriculture, marine, commercial and social interests, through daily consultations of the information now thus made available, it is deemed interesting in this connection to give something of the history of the inauguration of this scientific effort, which the records of the Cincinnati Chamber of Commerce afford. At the time of the introduction of this subject, the officers of the Chamber were as follows: President, JOHN A. GANO; Vice Presidents, J. H. FRENCH, ABNER L. FRAZER, S. F. COVINGTON, H. MORRIS JOHNSTON, WM. HENRY DAVIS, FLORENCE MARMET; Treasurer, WM. SHAFFER; Secretary, GEORGE McLAUGHLIN; Superintendent, WILLIAM SMITH.

Under date May 19, 1869, the record says: "A communication from PROFESSOR CLEVELAND ABBE, Director of the Cincinnati Observatory, was received, in regard to a complete system of telegraphic reports of the weather, so as to obtain means for predicting the weather. On motion a committee was authorized to confer with PROF. ABBE, and make such arrangements as may be deemed necessary." The committee named herein consisted of S. F. COVINGTON, S. C. NEWTON and GEORGE GRAHAM.

On July 17, 1869, a report from the committee was considered, which stated that a conference had been had with PROF. ABBE upon the subject of his communication to the Chamber of Commerce, and the information thus received satisfied the committee of the practicability of giving information in advance of approaching storms, and changes of temperature, and that such information could be made public in time to be of great service to the public generally, and the mercantile interests especially. The report said: "With the assistance of PROF. ABBE, we have made a thorough examination of the subject, and have arrived at the conclusion that for the purpose of testing the practicability and usefulness of a Weather Bulletin, it will be advisable to embrace an area equal to the extreme distance of travel in twenty-four hours of a clearly developed storm, and which may be named at about six hundred miles. The usual course of such storms bursting here being from the Southwest, West or Northwest, the chief points of observation should be in those directions. To cover local disturbances in the elements as well as to indicate the probable stage of water in the Ohio River at this point arising from storms eastward, it will be necessary to have observations from a few points eastwardly. In view of these facts the following points are named as being desirable for information: Memphis, Nashville, Cairo, St. Louis, Leavenworth, Omaha, St. Paul, Chicago, Springfield, Ill., Indianapolis, Pittsburgh and Louisville.

"PROF. ABBE expresses the fullest confidence that necessary observations can be made and prepared for transmission at the points above named, by competent parties at a trifling charge, at least for an experimental test. He also very generously tenders gratuitously the necessary attention to put the enterprise into working operation, and test its practicability and utility, covering a period of say about three months. The expense of transmitting the necessary telegrams, say at from 8 to 10 A. M., is not as yet definitely ascertained.

"The information obtained can be spread before the members of the Chamber daily as obtained, at a comparatively trifling cost. This information will be a plain and concise statement of facts, giving the state of the weather and the temperature at the points designated, from which each one guided by the light of his own observations, may draw his own conclusions; in other words, make his own predictions.

"In the opinion of your committee, the enterprise as herein indicated can be put in satisfactory working order by the first of September next, and they would respectfully recommend that this Chamber take the necessary steps to practically test the value of a Weather Bulletin. And they would further recommend that the entire working plan, telegrams, as well as observations, be under the immediate control and direction of the officers of the Chamber, and for the use of the

Chamber. If the views of your committee shall meet the approbation of the Chamber, they would respectfully suggest the appointment of a committee, with full authority to carry out the suggestions herein made, and practically test the utility and enterprise which it is believed will result beneficially to our entire community."

This report was signed by S. F. COVINGTON and S. C. NEWTON. It was adopted by the Board, and the time decided upon for the test was three months. The committee was increased by the addition of ABNER L. FRAZER and GEORGE McLAUGHLIN, and was instructed to carry out the plan.

The records indicate that PROF. ABBE was authorized, at the expense of the Chamber, to make a personal tour of some of the points decided upon for observations. It also appears that he submitted a proposition to the Directors of the Chicago Board of Trade to join in this effort to secure reliable weather reports. In a letter written to the President of the Chamber of Commerce from CHARLES RANDOLPH, Secretary of the Chicago Board of Trade, under date August 21, 1869, was the following: "The subject was referred to a special committee, with whom PROF. ABBE had one or more interviews. The committee have since reported, expressing some doubt of the practical value of such reports to our trade generally, except perhaps at certain limited seasons; and in view of the expense necessarily attending a regular report from a large number of points, have recommended that no action be taken at the present time, and their report has been concurred in by the Directors of the Board. As a scientific experiment the Directors have no doubt but that reliable reports from the points indicated by PROF. ABBE would be both interesting and useful, and perhaps might be found valuable in mercantile transactions. But they hardly felt justified in incurring the expense necessary even on the liberal basis that the Professor thought could be obtained."

On August 25, 1869, Mr. COVINGTON reported for the committee that PROF. ABBE had been authorized to contract for the receipt of daily telegraphic messages from not to exceed sixteen points, with a view to the preparation of his reports of the weather. This action was approved by the Board.

In the report of the Board of Officers of the Chamber of Commerce for the year ending August 31, 1869, the following reference is made to the question under consideration: "The Board has, upon the suggestion of PROFESSOR CLEVELAND ABBE, of the Cincinnati Observatory, taken the initiatory steps to have a daily Weather Bulletin placed in the Exchange. It is proposed to have the changes in temperature and the state of the weather telegraphed from various points in the West and Northwest, which, it is hoped, will enable an observer to predict the state of the weather for twenty-four or forty-eight hours. It is believed that these predictions can, through extended observation and experience, be made sufficiently reliable and accurate to be of great use in a commercial point of view, as well as in reference to agriculture, navigation, and the science of meteorology. The position of our city is favorable for the attainment of such results, as it is situated in the center of the Ohio Valley, and in the line of storms both from the Southwest and Northwest."

In the report of the Board of Officers for the year ending August 31, 1870, the



effort for securing weather reports is further recorded in the following statement: "In response to the suggestion, noticed in our last annual report, the Board perfected arrangements with PROFESSOR CLEVELAND ABBE, of the Cincinnati Observatory, and the Western Union Telegraph Company, for the publication of a daily Weather Bulletin, at the expense of the Chamber, for three months. The expenses attendant on this enterprise amounted to nearly \$600. The experiment proved to be satisfactory in demonstrating the utility of well-arranged reports, so much so as to be of great influence in securing the establishment of a system of weather observations by the Government, under the direction of the Signal Corps of the Army. The undertaking has resulted also in the arrangement by PROF. ABBE of a system of Weather Charts, which the Western Union Telegraph Company very generously corrects daily, with reports from all leading points in the country, and which is found to be interesting, as well as very useful in indicating the movement of storms and changes in the weather."

The next report of the Board of Directors, for the year ending August 31, 1871, further refers to this enterprise, as follows: "The weather reports originally suggested and inaugurated by this Chamber have passed into the hands of the General Government, under the supervision of PROF. ABBE, late of our city, and is doing good service throughout the country, as is universally acknowledged. At the instance of the Government, the connection of the Chamber therewith is still kept up, through a committee of one, who acts as advisory to the Department."

Out of this movement within the Cincinnati Chamber of Commerce has grown a work under the auspices of the Government which contributes so much in its influence by which losses of property and life in navigation are lessened, and procedures in agricultural and other channels are governed so as to avoid much of sacrifice that would otherwise result, that it may with all propriety be counted as among the more important branches of the Government service. It is not too much to say that in various instances the warnings furnished by the Weather Bureau of approaching storms of unusual severity have been the direct means of averting losses of property which in extent would represent the cost of the whole service of the Bureau for a long period, besides which is to be considered the significance of such warnings in the risks of life. Great credit is due to the business men of Cincinnati who had the intelligence, the enterprise and the liberality of action by which such an effort was auspiciously inaugurated. PROF. ABBE continues to ably serve the Weather Bureau, at Washington, and is entitled to high recognition in a history of this branch of scientific service.



STATISTICAL EXHIBITS  
OF THE  
CINCINNATI CHAMBER OF COMMERCE  
AND  
MERCHANTS' EXCHANGE  
FOR THE YEAR 1895,  
WITH COMPARISONS.

## RECEIPTS AT CINCINNATI.

Receipts of Principal Commodities, for four calendar years, 1895, 1894, 1893 and 1892, and for two commercial years, September 1 to August 31, as indicated, according to records of the Chamber of Commerce:

ARTICLES.	1895	1894	1893	1892	1891-92	1890-91
Ale, Beer and Porter, bbls.....	27,787	47,900	63,224	55,220	58,874	69,500
Apples, Green, bbls.....	244,585	239,299	223,263	306,498	234,469	152,311
Bacon (see Hog Product).....						
Bagging, pieces.....	585	2,315	1,266	863	2,916	4,910
Bananas, cars.....	851	1,108	994	920	871	1,000
Bark, Tanners', cords.....	\$13,000	\$18,000	\$25,000	\$25,000	\$25,000	\$20,000
Barley, bush.....	\$1,065,862	\$1,310,447	\$1,381,220	\$1,954,847	\$1,930,470	\$1,740,984
Beans, bush.....	145,890	132,668	127,156	88,460	80,467	88,876
Beef, lbs.....	223,680	355,490	481,240	399,380	303,150	389,970
Boots and Shoes, cases.....	210,863	229,440	279,044	285,701	267,071	261,778
Bran, Middlings, etc., tons.....	18,340	22,984	17,935	27,735	32,508	31,745
Broom Corn, lbs.....	1,467,606	1,581,487	1,691,147	3,600,817	3,238,817	2,207,625
Butter, tubs, firkins, etc.....	122,883	90,711	81,143	75,523	68,672	72,847
Butterine, lbs.....	2,004,995	2,417,606	2,601,294	1,702,163	1,737,091	2,224,204
Candles, boxes.....	10,408	9,051	7,559	12,929	7,568	5,855
Castings, tons.....	130,678	123,079	123,243	116,604	115,812	119,111
Cattle, head.....	208,890	212,613	227,003	253,027	254,539	245,727
Cement and Plaster, bbls.....	344,738	331,345	357,554	378,810	346,971	349,863
Cheese, boxes.....	153,214	118,289	125,476	128,627	118,964	120,474
Cider, bbls.....	2,644	8,753	4,204	6,438	6,886	5,500
Coal, bush.....	\$70,143,141	\$76,458,115	\$80,612,025	\$76,858,816	\$75,348,316	\$72,345,782
Coffee, bags.....	242,850	215,808	249,859	285,600	277,597	229,441
Coke, bush.....	\$2,353,333	\$2,859,420	\$3,189,132	\$4,246,472	\$4,951,472	\$5,921,144
Cooperage, pieces.....	955,858	1,156,656	843,835	737,561	690,257	498,819
Corn, bush.....	\$8,892,763	\$10,744,781	\$7,077,860	\$5,234,330	\$5,509,601	\$6,126,482
Corn Meal, bbls.....	11,985	7,069	9,621	15,056	23,070	36,193
Cotton, bales.....	272,368	347,517	221,628	267,101	302,095	349,839
Crockery, pkgs.....	90,143	79,319	85,484	92,263	90,526	80,897
Eggs, cases, etc.....	267,494	321,011	318,881	272,661	262,694	262,212
Feathers, lbs.....	1,000,922	733,510	595,774	848,965	839,140	690,900
Fish, bbls.....	65,230	65,435	64,353	65,594	65,556	58,087
Fish, kegs and kits.....	25,157	33,247	54,433	50,693	50,049	57,890
Flour, bbls.....	1,892,345	1,475,345	1,879,586	1,903,846	2,040,466	1,712,475
Fruit, Dried, lbs.....	9,266,633	6,897,088	8,340,982	8,357,478	5,803,284	2,437,197
Fruit, Green, tons.....	14,543	13,741	13,214	9,555	9,318	21,261
Glass, Window, etc., boxes.....	166,739	163,295	151,764	156,712	166,482	133,215
Glassware, pkgs.....	496,849	443,501	445,541	436,343	426,361	465,555
Grease, tierces.....	84,950	28,534	12,807	16,352	17,785	15,944
Hardware, pkgs.....	188,815	173,424	181,557	234,460	222,987	254,418
Hay, tons.....	\$99,234	\$98,080	\$100,402	\$124,526	\$126,421	\$110,979
Hemp, bales, etc.....	7,485	10,090	13,109	27,991	28,761	18,011
Herring, boxes.....						15,648
Hides, number.....	503,726	437,040	545,575	552,514	499,122	498,560
Hog Product—Bacon, lbs.....	7,242,209	4,533,200	4,450,320	5,632,480	5,942,090	5,841,070
D. S. Meats, loose, lbs.....	72,173,964	47,543,970	42,500,900	68,908,224	77,744,551	71,157,590
D. S. Meats, in boxes, lbs.....	4,715,000	8,282,500	5,446,000	7,985,000	8,571,500	11,042,000
Hams, lbs.....	9,981,186	9,727,430	5,875,670	10,134,603	9,791,793	8,661,310
Lard, lbs.....	29,825,660	34,251,870	15,625,710	20,669,639	26,248,270	21,288,600
Pork, bbls.....	6,439	6,672	6,956	12,168	11,532	5,438
Hogs, head.....	952,246	916,117	1,032,875	1,099,185	1,121,186	945,633
Hops, bales.....	13,591	23,748	18,343	14,648	17,061	114,027
Horses, head.....	\$18,432	\$17,851	\$21,767	\$28,555	\$28,909	\$26,638
Ice, tons.....	\$150,000	\$125,000	\$100,000	\$143,000	\$125,000	\$100,000
Iron and Steel, tons.....	174,194	121,229	134,029	190,216	193,777	174,512
Iron and Steel, Scrap, tons.....	51,966	36,238	40,109	57,664	57,100	57,045
Iron, Pig, tons.....	\$1,285,936	\$935,570	\$945,050	\$1,108,578	\$1,102,331	\$948,428
Lard (see Hog Product).....						
Lead, Pig, lbs.....	41,632,171	41,132,456	59,298,321	58,104,294	47,802,302	28,714,016
Leather, bundles.....	86,349	73,994	66,170	69,611	64,487	61,041
Lemons, boxes.....	56,339	71,955	71,438	72,728	71,989	52,562
Lime, bbls.....	240,160	182,198	173,592	186,336	202,395	199,225
Liquors, hhds and pipes.....	1,878	1,990	1,736	2,412	1,733	1,043
Lumber, cars.....	36,475	29,947	35,314	40,919	39,499	32,400
Malt, bush.....	712,946	547,888	708,297	790,221	735,663	762,939
Melons, Water, cars.....	2,675	2,823	3,201	2,405	2,441	3,726
Merchandise, sundry, tons.....	1,008,663	906,968	1,022,403	1,167,379	1,136,919	995,900

## RECEIPTS AT CINCINNATI—Continued.

ARTICLES.	1895	1894	1893	1892	1891-92	1890-91
Molasses, bbls.....	47,837	58,571	46,016	39,906	39,081	68,774
Nails, kegs.....	422,490	484,681	511,258	642,388	586,918	772,899
Oakum, bales.....	2,951	8,158	9,894	2,129	8,025	2,752
Oats, bush.....	\$5,418,652	\$4,479,437	\$5,428,247	\$4,636,305	\$5,224,537	\$4,092,734
Oil, bbls.....	259,636	200,808	152,954	150,000	157,006	141,025
Oil Cake, tons.....	1	1	1	1	1	1,198
Onions, bbls. and sacks.....	65,202	65,906	78,765	76,317	93,662	53,742
Oranges, boxes.....	157,632	664,898	526,430	518,524	508,092	315,083
Peanuts, bush.....	436,798	309,301	342,114	416,124	480,225	690,965
Petroleum, bbls.....	†1,180,688	†1,753,783	†1,803,447	†1,585,128	†1,604,931	†1,392,999
Pitch, bbls.....	556	1,040	2,154	1,962	2,816	2,431
Pork (see Hog Product).....						
Potatoes, bbls.....	843,712	573,067	620,018	558,387	559,494	606,017
Raisins, boxes.....	236,825	158,848	98,349	69,776	66,958	96,328
Rice, bbls.....	46,280	35,104	57,805	58,287	53,525	47,777
Rope, Twine, etc., pkgs..	131,703	138,840	151,720	168,770	157,874	190,581
Rosin, bbls.....	108,864	90,587	60,112	64,376	62,850	70,873
Rye, bush.....	433,458	417,117	484,979	443,219	462,208	509,649
Salt, bbls.....	†670,675	†449,845	†482,538	†477,671	†474,376	†415,556
Salt, sacks.....						12,245
Seed—Flax, bush.....	2,913	993	40,197	61,158	108,292	1,487
Clover, Timothy, etc., bags.....	126,563	143,136	118,218	109,663	104,549	77,401
Sheep, head.....	632,482	671,165	686,137	705,023	709,305	637,950
Shot, lbs.....	171,000	837,400	568,800	561,200	388,200	325,900
Soap, boxes.....	137,180	136,954	136,977	140,887	143,624	170,340
Sorghum, bbls.....	4,003	6,253	4,813	5,874	6,344	4,375
Spices, pkgs.....	8,503	8,394	7,885	9,888	7,945	6,886
Starch, boxes.....	123,043	147,562	78,392	283,812	242,422	173,761
Stearine, tierces.....	8,804	3,796	1,377	3,324	3,796	7,082
Sugar, hhds.....	2,166	1,921	1,806	1,567	1,472	2,015
Sugar, bbls.....	287,500	284,410	248,821	282,106	281,682	351,050
Tallow, tierces.....	144,851	150,999	154,628	160,958	157,983	175,277
Tar, bbls.....	1,476	1,974	2,069	3,592	3,498	1,372
Tea, pkgs.....	16,643	22,012	20,968	28,804	26,890	16,439
Tobacco, Leaf, hhds.....	112,083	129,521	97,646	129,259	130,783	124,760
Tobacco, Leaf, cases and bales.....	30,268	35,663	31,602	80,157	29,726	25,571
Tobacco, Manufactured, pkgs.....	123,327	153,914	167,616	201,847	257,669	381,287
Turpentine, bbls.....	25,085	24,775	16,984	31,902	35,585	24,621
Vegetables, Green, tons.....	19,820	22,877	19,155	15,302	14,947	15,910
Wheat, bush.....	†2,030,682	†2,399,982	†2,084,546	†2,093,551	†1,971,600	†2,133,748
Whisky, bbls.....	245,394	385,160	340,308	320,724	314,800	292,009
Wines and Liquors, bbls.....	19,233	22,032	22,426	21,054	19,902	20,614
Wines and Liquors, cases and packages.....	68,122	83,033	88,229	96,731	90,289	67,949
Wood, cords.....	16,000	16,000	16,000	16,000	16,000	16,000
Wool, bales.....	26,362	52,315	55,483	79,167	68,589	39,088
Yarns, Warps, etc., Cotton, pkgs.....	32,811	39,786	38,259	45,340	40,294	29,447

† Including also sales made where the article was shipped directly from the place of manufacture or storage, without stopping at Cincinnati.

‡ Supplemental reports included.

‡ Estimated.

\*\* Estimated. Including all Ice sold for the Cincinnati market.

† Not reported.

## SHIPMENTS FROM CINCINNATI.

Shipments of Principal Commodities, for four calendar years, 1895, 1894, 1893 and 1892, and for two commercial years, September 1 to August 31, as indicated, according to records of the Chamber of Commerce:

ARTICLES.	1895	1894	1893	1892	1891-92	1890-91
Alcohol, bbls.....	1,381	5,193	2,575	4,747	4,252	5,081
Ale, Beer and Porter, bbls.....	490,291	456,756	520,574	582,828	594,687	613,159
Apples, Green, bbls.....	155,231	92,398	130,545	153,847	166,741	92,897
Bacon (see Hog Product).....						
Bagging, pieces.....	461	2,191	2,051	1,813	5,343	6,127
Bananas, cars.....	219	254	187	214	200	
Barley, bush.....	28,255	20,161	92,404	42,575	37,581	97,617
Beans, bush.....	79,864	73,802	95,723	73,066	65,077	76,403
Beef, lbs.....	1,519,400	1,858,380	1,907,891	2,827,860	2,875,310	2,463,194
Boots and Shoes, cases.....	186,316	204,264	255,713	267,722	251,829	243,764
Bran, Middlings, etc., tons.....	9,540	15,976	11,176	23,381	28,434	26,962
Brooms, dozens.....	260,000	260,000	260,000	263,000	260,000	255,000
Broom Corn, lbs.....	450,179	855,867	800,001	2,488,485	2,471,373	1,218,465
Butter, tubs, firkins, etc.....	21,066	15,085	9,856	9,922	10,174	17,383
Butterine, lbs.....	477,771	650,953	545,897	173,289	162,777	206,832
Candles, boxes.....	1130,548	1142,273	1168,105	1175,326	1189,717	1150,815
Castings, tons.....	184,046	178,232	190,633	199,984	201,846	210,632
Cattle, head.....	72,001	81,442	97,567	123,972	119,887	113,627
Cement and Plaster, bbls.....	78,534	93,748	172,596	159,881	145,498	148,538
Cheese, boxes.....	95,608	67,681	75,627	81,823	73,370	64,255
Cider, bbls.....	1,667	2,939	4,010	5,559	5,391	5,608
Coal, bush.....	118,795,325	117,029,297	118,867,682	117,992,000	118,163,000	113,814,020
Coffee, bags.....	176,530	160,067	175,260	183,384	168,254	156,194
Coke, bush.....	1704,000	11,038,000	11,510,000	12,531,000	13,183,000	13,422,000
Cooperage, pieces.....	1850,870	11,038,511	1781,822	1708,518	1672,356	1462,596
Corn, bush.....	5,710,115	7,316,340	3,825,555	1,664,315	1,864,535	2,210,577
Corn Meal, bbls.....	18,910	21,559	25,909	43,382	55,591	79,007
Cotton, bales.....	258,952	334,137	207,406	260,428	282,850	337,198
Crockery, pkgs.....	77,446	75,622	88,122	102,507	109,653	105,309
Eggs, cases.....	92,834	161,237	163,328	154,110	145,009	157,626
Feathers, lbs.....	1,065,979	694,788	685,905	839,581	827,911	704,650
Fish, bbls.....	23,447	22,438	28,853	25,937	25,258	20,281
Fish, kegs and kits.....	33,658	38,039	61,426	83,774	79,181	83,717
Flour, bbls.....	11,604,858	11,089,665	11,435,363	11,529,181	11,710,614	11,430,847
Fruit, Dried, lbs.....	6,747,802	4,303,096	2,522,453	2,561,180	4,683,604	1,882,312
Fruit, Green, tons.....	6,616	8,750	4,523	4,197	4,189	7,398
Furniture, pkgs.....	127,552	159,710	205,864	292,463	301,848	252,694
Glass, Window, etc., boxes.....	87,212	77,027	89,203	102,655	103,154	97,955
Glassware, pkgs.....	189,585	219,275	290,932	343,393	331,878	314,507
Grease, tierces.....	15,709	15,886	10,753	14,498	15,443	14,459
Hardware, pkgs.....	168,500	164,109	193,651	249,517	247,019	235,809
Hay, tons.....	41,679	35,594	44,558	66,636	67,021	55,323
Hemp, bales.....	5,316	6,058	9,689	20,775	19,994	10,163
Hides, number.....	428,120	351,533	442,653	402,905	320,776	305,349
Hog Product—Bacon, lbs.....	12,351,590	9,914,990	11,902,410	17,052,725	18,253,240	18,577,439
D. S. Meats, loose, lbs.....	75,754,019	49,949,450	41,581,805	70,670,218	81,920,783	75,999,592
D. S. Meats, in boxes, lbs.....	5,689,500	7,522,500	4,665,500	9,768,700	10,716,830	12,908,500
Hams, lbs.....	13,557,930	13,107,200	10,102,805	18,600,245	19,249,575	17,219,945
Lard, lbs.....	45,475,790	47,721,590	25,169,865	34,556,845	40,582,995	35,995,984
Pork, bbls.....	5,801	5,417	6,990	13,247	12,771	7,348
Hogs, head.....	383,500	368,603	611,303	562,168	511,980	371,823
Hops, bales.....	8,199	8,471	8,068	6,439	7,358	19,329
Horses, head.....	113,618	113,315	116,298	119,712	120,667	120,253
Iron and Steel, tons.....	127,174	89,123	109,868	174,693	177,777	164,262
Iron and Steel, Scrap, tons.....	33,798	25,827	43,613	48,894	44,256	34,051
Iron, Pig, tons.....	11,171,393	1081,222	1048,318	1080,234	1076,699	1019,937
Lard (see Hog Product).....						
Lead, Pig, lbs.....	17,160,276	17,780,866	35,907,273	27,492,371	24,154,975	11,062,338
Lead, White, lbs.....	17,333,454	16,433,542	14,891,939	15,280,479	15,092,063	14,538,683
Leather, bundles.....	71,775	73,331	74,378	94,364	94,033	79,162
Lemons, boxes.....	26,002	30,323	34,589	37,133	37,417	23,612
Lime, bbls.....	43,265	42,709	66,983	79,426	88,816	85,438
Lumber, cars.....	25,661	20,019	24,946	28,206	26,533	20,331
Malt, bush.....	463,916	469,869	439,352	584,149	585,512	669,909
Manufactures, sundry, pieces.....	151,803	134,309	180,156	183,802	182,724	165,141
Melons, Water, cars.....	2,091	2,059	2,489	1,744	1,746	2,952

## SHIPMENTS FROM CINCINNATI—Continued.

ARTICLES.	1895	1894	1893	1892	1891-92	1890-91
Merchandise, sundry, tons.....	591,559	567,519	637,983	667,538	703,506	671,576
Molasses, bbls.....	35,671	44,121	49,778	42,376	38,236	56,077
Nails, kegs.....	381,485	481,074	477,926	647,548	605,729	876,018
Oats, bush.....	2,987,595	2,159,724	2,918,737	2,327,257	2,721,264	1,918,730
Oil, bbls.....	218,625	140,267	109,780	124,153	126,575	106,684
Oil Cake, tons.....	¶	¶	¶	¶	¶	1,073
Onions, bbls. and sacks.....	43,184	51,398	57,387	55,653	61,422	36,028
Oranges, boxes.....	92,451	505,040	392,852	398,154	391,617	212,235
Peanuts, bush.....	296,523	254,421	328,136	352,620	345,830	366,491
Petroleum, bbls.....	†986,303	†1,529,532	†1,622,216	†1,377,495	†1,409,607	†1,205,191
Pork (see Hog Product).....						
Potatoes, bbls.....	373,243	250,881	294,674	330,157	331,433	225,842
Rice, bbls.....	21,281	21,529	33,637	37,118	36,245	29,692
Rope, Twine, etc., pkgs.....	109,550	112,272	193,632	276,037	281,326	272,582
Rosin, bbls.....	47,141	33,404	28,135	34,081	34,902	45,775
Rye, bush.....	178,886	153,077	219,218	273,463	202,759	251,356
Salt, bbls.....	†529,563	†338,270	†361,540	†346,595	†339,522	†327,669
Salt, sacks.....						2,688
Seed—Flax, bush.....	1,546	824	38,586	60,613	107,942	237
Clover, Timothy, etc., bags.....	111,360	123,939	112,405	95,607	96,792	78,874
Sheep, head.....	426,605	487,884	545,793	556,267	561,560	519,934
Shot, lbs.....	1,268,200	2,279,500	2,678,200	3,317,100	3,344,500	3,088,900
Soap, boxes.....	†1,287,321	†1,266,133	†1,063,153	†1,065,306	†1,068,926	†1,011,831
Sorghum, bbls.....	1,677	3,868	5,031	4,913	3,923	2,684
Spices, pkgs.....	4,486	6,501	7,299	8,894	9,481	6,890
Starch, boxes.....	†608,544	†594,733	†470,264	†755,193	†773,959	†704,903
Stearine, tierces.....	7,991	6,470	2,973	3,375	2,754	6,995
Sugar, hhds.....	1,146	1,133	1,365	777	830	1,294
Sugar, bbls.....	143,343	136,248	115,107	150,023	144,417	210,626
Tallow, tierces.....	4,734	4,533	5,110	5,559	6,600	5,670
Tobacco, Leaf, hhds.....	100,781	121,517	97,472	128,162	130,861	126,458
Tobacco, Leaf, cases and bales.....	10,212	14,822	17,586	19,910	21,068	12,803
Tobacco, Manufactured, pkgs.....	149,948	160,470	170,629	207,590	247,905	363,442
Turpentine, bbls.....	19,485	15,529	13,632	21,903	22,545	21,744
Vegetables, Green, tons.....	5,656	8,973	8,132	7,569	7,651	5,751
Vinegar, bbls.....	23,030	27,666	24,787	39,681	37,509	24,769
Wheat, bush.....	1,647,274	2,052,353	1,786,009	1,653,045	1,475,115	1,705,901
Whisky, bbls.....	†368,100	†505,183	†463,498	†523,085	†517,925	†524,126
Wines and Liquors, bbls.....	7,619	8,621	11,687	15,507	14,504	14,489
Wines and Liquors, cases and packages.....	138,048	155,941	175,256	184,756	182,685	163,409
Wool, bales.....	31,007	51,628	58,361	79,011	68,279	37,973

† Including also sales made in Cincinnati, where goods were shipped directly from the place of manufacture or storage, without stopping at this city.

‡ Supplemental reports included.

‡ Estimated.

¶ Not reported.

## VALUE OF PRINCIPAL RECEIPTS.

Value of Principal Commodities received at Cincinnati, for four calendar years, 1895, 1894, 1893 and 1892, and for one commercial year, September 1 to August 31, as indicated, according to records of the Chamber of Commerce:

ARTICLES.	Total Quantity. 1895	Total Value. 1895	Total Value. 1894	Total Value. 1893	Total Value. 1892	Total Value. 1891-92
Ale, Beer and Porter, bbls.....	27,787	\$183,394	\$316,140	\$417,278	\$364,452	\$388,568
Apples, Green, bbls.....	244,585	494,062	789,687	647,463	766,245	504,108
Bacon (see Hog Product).....	585	2,633	10,418	6,014	1,724	13,851
Bagging, pieces.....	851	318,585	326,270	362,810	349,600	348,400
Bananas, cars.....	219,000	\$123,500	\$182,700	\$280,000	\$276,250	\$382,000
Bark, Tanners', cords.....	11,065,862	1575,563	1746,955	1843,981	11,948,844	11,351,329
Barley, bush.....	145,890	269,897	238,802	254,312	168,074	156,910
Beans, bush.....	228,680	17,894	27,728	41,987	29,953	24,252
Beef, lbs.....	210,663	6,530,553	5,736,000	6,976,100	7,392,525	6,676,775
Boots and Shoes, cases.....	16,340	222,224	309,135	251,080	388,290	487,620
Bran, Middlings, etc., tons.....	1,467,606	58,704	63,259	59,190	180,041	202,426
Broom Corn, lbs.....	122,383	979,064	848,148	1,075,145	944,038	824,064
Butter, tubs, firkins, etc.....	2,004,995	285,712	361,916	439,619	308,092	300,517
Butterine, lbs.....	10,408	29,142	26,338	27,212	45,251	27,623
Candles, boxes.....	130,678	7,840,680	7,384,740	7,394,580	6,996,240	7,495,280
Castings, tons.....	308,890	7,311,150	6,686,679	8,172,108	8,096,864	9,163,404
Cattle, head.....	344,738	413,686	397,614	429,065	454,572	416,365
Cement and Plaster, bbls.....	153,214	689,463	579,616	564,642	565,959	535,338
Cheese, boxes.....	2,644	21,152	33,777	33,632	48,285	41,316
Cider, bbls.....	170,143,141	14,208,588	14,969,777	16,247,432	15,764,411	15,725,512
Coal, bush.....	242,850	6,071,250	5,459,816	6,746,193	7,497,000	7,217,522
Coffee, bags.....	12,353,333	1188,266	1271,645	1302,969	1424,647	1496,147
Coke, bush.....	965,858	812,479	983,158	717,260	626,927	506,718
Cooperage, pieces.....		750,000	750,000	750,000	750,000	750,000
Coopers' Stuff.....	18,892,763	18,646,033	14,942,509	13,043,480	12,303,105	12,644,608
Corn, bush.....	11,985	29,962	17,673	24,052	37,640	57,675
Corn Meal, bbls.....	272,368	8,851,960	11,120,544	8,643,492	9,749,187	11,479,610
Cotton, bales.....	90,143	1,352,145	1,189,785	1,282,260	1,383,945	1,357,890
Crockery, pkgs.....	267,494	1,110,100	1,203,791	1,594,405	1,296,140	1,260,931
Eggs, cases.....	1,000,922	370,341	256,729	244,267	382,034	365,026
Feathers, lbs.....	65,230	1,108,910	981,525	965,235	983,910	983,340
Fish, bbls.....	25,157	18,867	21,611	35,381	32,950	32,532
Fish, kegs and kits.....	1,892,545	4,731,363	3,024,457	4,323,048	5,711,538	8,161,864
Flour, bbls.....	9,266,633	535,958	413,825	150,344	109,118	174,158
Fruit, Dried, lbs.....	14,543	872,580	824,460	792,840	477,750	465,900
Fruit, Green, tons.....	166,739	1,667,890	1,796,245	1,669,404	1,723,832	1,831,302
Glass, Window, etc., boxes.....	496,849	993,698	931,352	935,636	916,820	895,358
Glassware, pkgs.....	84,950	1,189,300	472,238	256,140	241,192	231,205
Grease, tierces.....	188,815	3,776,300	3,468,480	3,631,140	4,689,200	4,459,740
Hardware, pkgs.....	199,234	11,280,272	11,073,976	11,260,045	11,382,239	11,422,236
Hay, tons.....	7,485	224,550	302,700	393,270	839,730	862,830
Hemp, bales.....	503,726	1,813,414	961,488	1,809,380	1,491,788	1,497,366
Hides, number.....	7,242,209	438,154	301,458	445,032	416,804	404,062
Hog Product—Bacon, lbs.....	72,173,964	8,969,568	3,494,482	8,931,333	4,547,943	4,664,673
D. S. Meats, loose, lbs.....	4,715,000	271,118	629,470	517,370	546,972	535,719
D. S. Meats, in boxes, lbs.....	9,981,186	998,119	1,031,108	734,459	1,064,133	979,178
Hams, lbs.....	29,825,660	1,864,104	2,608,142	1,546,945	1,498,213	1,706,137
Lard, lbs.....	6,439	68,555	86,736	128,338	142,366	121,201
Pork, bbls.....	952,246	7,856,029	9,023,752	14,253,675	11,101,768	9,530,081
Hogs, head.....	13,591	226,280	688,692	761,234	688,456	750,684
Hops, bales.....	118,432	11,105,920	11,071,060	11,414,855	11,856,075	11,907,994
Horses, head.....	150,000	450,000	400,000	300,000	357,500	350,000
Ice, tons.....	174,194	6,967,760	4,364,244	5,361,160	7,798,856	8,138,634
Iron and Steel, tons.....	51,966	681,387	376,875	571,533	980,288	984,975
Iron and Steel, Scrap, tons.....	11,285,936	117,360,136	113,846,436	115,829,588	119,588,509	120,117,541
Iron, Pig, tons.....	41,632,171	1,298,924	1,262,766	2,134,740	2,044,515	1,959,894
Lard (see Hog Product).....	86,349	3,453,960	2,441,802	2,216,695	2,540,801	2,386,019
Lead, Pig, lbs.....	56,339	239,441	241,769	240,746	322,185	299,985
Lemons, boxes.....	240,160	156,104	118,429	112,834	121,118	131,557
Lime, bbls.....	1,878	187,800	199,000	173,600	241,200	173,800
Liquors, hhds. and pipes.....	36,475	14,590,000	11,978,800	14,125,600	16,367,600	15,799,600
Lumber, cars.....	712,946	456,265	334,212	467,476	553,155	514,964
Malt, bush.....	2,675	361,125	352,875	336,105	456,950	488,200
Melons, Water, cars.....						



## VALUE OF PRINCIPAL RECEIPTS—Continued.

ARTICLES.	Total Quantity. 1895	Total Value. 1895	Total Value. 1894	Total Value. 1893	Total Value. 1892	Total Value. 1891-92
Merchandise, sundry, tons.....	1,008,663	\$100,866,300	\$90,696,800	\$102,240,800	\$116,737,900	\$113,691,900
Molasses, bbls.....	47,337	823,664	859,815	766,166	632,510	601,847
Nails, kegs.....	422,490	688,659	581,617	695,304	1,092,060	1,173,826
Oakum, bales.....	2,951	11,804	12,632	37,536	8,516	12,100
Oats, bush.....	15,418,652	11,517,223	11,567,803	11,682,757	11,529,981	11,724,097
Oil, bbls.....	259,636	5,767,900	4,337,453	4,741,574	3,600,000	2,669,102
Onions, bbls. and sacks.....	65,292	101,063	121,926	208,727	184,687	221,979
Oranges, boxes.....	157,632	496,541	1,974,732	1,526,647	1,742,241	1,606,571
Oysters.....	.....	\$245,000	\$275,000	\$250,000	\$300,000	\$450,000
Peanuts, bush.....	436,793	480,472	278,371	342,114	366,189	336,157
Petroleum, bbls.....	†1,180,688	†4,840,821	†6,198,241	†6,312,064	†5,547,948	†7,222,190
Pitch, bbls.....	556	1,390	2,600	5,170	4,708	6,758
Pork (see Hog Product).....	.....	.....	.....	.....	.....	.....
Potatoes, bbls.....	843,712	1,307,754	1,203,441	1,426,041	977,177	816,861
Raisins, Figs, etc., boxes.....	236,825	497,333	834,298	168,028	125,597	120,524
Rice, bbls.....	46,280	647,920	561,664	751,465	816,018	802,875
Rope, Twine, etc., pkgs.....	131,703	730,218	830,040	910,320	1,012,620	947,244
Rosin, bbls.....	108,864	206,841	163,962	100,988	118,452	125,700
Rye, bush.....	433,458	229,733	216,901	266,738	323,560	392,872
Salt, bbls.....	†670,675	†637,141	†440,848	†407,033	†434,681	†436,426
Seed—Flax, bush.....	2,913	3,175	1,162	42,207	58,100	99,629
Clover, Timothy, etc., bags.....	126,363	949,223	1,145,068	975,299	767,641	679,568
Sheep, head.....	632,492	1,644,453	1,677,913	2,161,332	2,573,334	3,546,525
Shot, lbs.....	171,000	7,798	36,846	31,284	30,904	21,351
Soap, boxes.....	137,180	617,310	616,293	616,397	633,992	646,308
Sorghum, bbls.....	4,003	43,232	100,048	72,195	64,614	88,816
Spices, pkgs.....	8,503	382,635	377,730	354,825	444,735	357,525
Starch, boxes.....	123,043	141,499	187,404	109,748	336,689	363,633
Stearine, tierces.....	8,804	198,090	94,900	41,310	83,100	87,308
Stone.....	.....	\$645,000	\$645,000	\$650,000	\$650,000	\$650,000
Sugar, hhds.....	2,166	86,640	76,840	69,531	56,412	63,296
Sugar, bbls.....	287,500	4,344,375	4,323,032	3,483,494	3,667,378	3,943,548
Tallow, tierces.....	144,851	1838,713	1,045,480	1,065,246	1,097,244	1964,861
Tar, bbls.....	1,476	4,428	5,922	6,207	10,776	10,494
Tea, pkgs.....	16,643	416,075	550,300	524,200	720,100	672,000
Tobacco, Leaf, hhds.....	112,033	12,659,729	15,542,520	13,865,732	15,511,080	13,078,300
Tobacco, Leaf, cases and bales.....	30,268	1,816,080	2,318,095	2,212,140	1,960,205	1,783,560
Tobacco, Manufactured, pkgs.....	123,327	1,849,905	2,308,710	2,514,240	3,027,705	3,865,085
Turpentine, bbls.....	25,085	324,203	329,508	228,609	510,432	604,945
Vegetables, Green, tons.....	19,820	991,000	1,143,850	861,975	612,060	597,880
Wheat, bush.....	†2,030,682	†1,340,250	†1,295,990	†1,334,109	†1,695,776	†1,774,440
Whisky, bbls.....	245,394	14,232,852	21,568,960	20,418,480	19,243,440	19,202,800
Wines and Liquors, bbls.....	19,233	865,485	991,440	1,009,170	947,430	895,590
Wines and Liquors, cases and packages.....	68,122	817,464	996,396	1,058,748	1,160,772	1,083,468
Wood, cords.....	26,000	236,000	236,000	236,000	236,000	236,000
Wool, bales.....	26,362	975,394	2,040,285	2,851,826	4,196,851	2,812,149
Yarn, Warps, etc., Cotton, pkgs.....	32,811	820,275	994,650	956,475	1,042,820	926,762
Totals.....	.....	\$302,170,630	\$295,749,400	\$319,626,450	\$347,457,154	\$346,470,834

† Including also sales made at Cincinnati, where goods were shipped directly from the place of manufacture or storage, without the same stopping at this city.

‡ Supplemental reports included.

§ Estimated.

∞ Estimated. Including all Ice sold for the Cincinnati market.

## VALUE OF PRINCIPAL SHIPMENTS.

Value of Principal Commodities shipped from Cincinnati, for four calendar years, 1895, 1894, 1893 and 1892, and for one commercial year, September 1 to August 31, as indicated, according to records of the Chamber of Commerce:

ARTICLES.	Total Quantity. 1895	Total Value. 1895	Total Value. 1894	Total Value. 1893	Total Value. 1892	Total Value. 1891-92
Alcohol, bbls.....	1,381	\$96,670	\$363,510	\$180,250	\$332,290	\$297,640
Ale, Beer and Porter, bbls.....	490,291	3,235,921	3,014,590	3,435,788	3,846,666	3,924,934
Apples, Green, bbls.....	155,231	333,746	314,153	391,635	400,002	375,167
Bacon (see Hog Product).....	.....	.....	.....	.....	.....	.....
Bagging, pieces.....	461	2,180	10,407	9,742	9,065	26,715
Bananas, cars.....	219	74,460	78,200	68,255	81,320	80,000
Barley, bush.....	28,255	15,540	11,693	60,063	29,803	24,427
Beans, bush.....	79,864	155,424	140,224	201,018	146,132	133,408
Beef, lbs.....	1,519,400	125,350	149,600	168,848	219,159	237,213
Boots and Shoes, cases.....	186,316	8,384,220	8,170,560	10,228,520	10,708,880	10,073,160
Bran, Middlings, etc., tons.....	9,540	134,514	223,664	162,052	339,025	433,618
Brooms, dozens.....	399,000	\$110,000	\$110,000	\$100,000	\$100,000	\$100,000
Broom Corn, lbs.....	450,179	21,258	39,864	32,000	136,867	154,461
Butter, tubs, firkins, etc.....	21,066	189,594	156,130	140,448	133,947	132,262
Butterine, lbs.....	477,771	74,055	100,246	94,167	31,625	28,160
Candles, boxes.....	1130,548	\$378,389	\$428,819	\$605,178	\$618,641	\$692,467
Castings, tons.....	184,046	11,962,990	11,585,080	12,391,145	12,965,710	14,129,220
Cattle, head.....	72,001	3,024,042	3,257,680	4,292,948	4,958,880	5,514,802
Cement and Plaster, bbls.....	78,534	102,094	121,872	224,375	207,845	189,147
Cheese, boxes.....	95,608	454,138	348,557	359,228	376,386	337,502
Cider, bbls.....	1,667	15,003	29,390	36,000	44,472	36,389
Coal, bush.....	118,795,325	11,362,661	11,319,771	11,698,091	11,619,280	11,997,930
Coffee, bags.....	176,530	4,589,780	4,201,759	4,907,280	4,997,214	4,542,858
Coke, bush.....	1704,000	156,320	188,230	1128,350	1227,790	1286,470
Cooperage, pieces.....	1850,870	1850,870	11,038,511	1781,822	1708,518	1672,356
Coopers' Stuff.....	.....	275,000	275,000	275,000	275,000	275,000
Corn, bush.....	5,710,115	2,398,248	3,438,680	1,683,244	983,942	913,622
Corn Meal, bbls.....	18,910	50,111	57,131	68,659	114,962	147,316
Cotton, bales.....	238,952	8,415,940	10,692,834	8,068,834	9,505,622	10,748,300
Crockery, pkgs.....	77,446	1,200,413	1,172,141	1,365,891	1,588,859	1,699,621
Eggs, cases, etc.....	92,834	408,470	644,948	826,640	732,022	696,043
Feathers, lbs.....	1,065,979	415,732	257,072	281,221	377,811	360,141
Fish, bbls.....	23,447	515,834	448,760	577,060	518,740	555,676
Fish, kegs and kits.....	33,658	28,609	28,529	46,070	62,831	55,427
Flour, bbls.....	11,504,858	13,837,388	12,289,297	13,301,335	14,587,543	16,842,456
Fruit, Dried, lbs.....	6,747,802	421,738	268,944	119,817	89,641	140,508
Fruit, Green, tons.....	6,616	463,120	262,500	316,610	251,820	230,395
Furniture, pkgs.....	127,552	2,235,936	2,874,780	3,705,552	5,264,334	5,433,264
Glass, Window, etc., boxes.....	87,212	872,120	847,797	981,233	1,129,205	1,134,694
Glassware, pkgs.....	189,585	417,087	504,333	669,144	789,804	763,319
Grease, tierces.....	15,709	219,926	262,913	215,020	217,395	208,480
Hardware, pkgs.....	168,500	3,707,000	3,610,398	3,873,020	4,990,340	4,940,380
Hay, tons.....	41,679	550,163	409,831	579,254	766,314	770,741
Hemp, bales, etc.....	5,316	186,060	212,030	339,115	727,125	699,790
Hides, number.....	428,120	1,605,450	843,679	1,062,367	1,087,844	962,328
Hog Product—Bacon, lbs.....	12,351,590	765,789	674,219	1,208,095	1,278,954	1,259,473
D. S. Meats, loose, lbs.....	75,754,019	4,317,979	3,746,209	3,908,690	4,770,240	4,997,168
D. S. Meats, in boxes, lbs.....	5,689,500	335,681	582,994	450,220	683,809	680,519
Hams, lbs.....	13,557,930	1,423,582	1,474,560	1,338,622	2,139,028	2,059,704
Lard, lbs.....	45,475,790	2,842,237	3,722,284	2,542,156	2,522,650	2,678,477
Pork, bbls.....	5,801	61,780	71,775	31,063	158,964	135,372
Hogs, head.....	383,500	3,163,875	3,693,679	8,099,765	5,340,596	4,402,330
Hops, bales.....	8,199	147,582	262,601	354,992	321,950	353,184
Horses, head.....	113,618	1885,170	1865,475	11,059,370	11,281,280	11,364,022
Iron and Steel, tons.....	127,174	5,341,308	3,386,674	4,504,588	7,337,106	7,644,411
Iron and Steel, Scrap, tons.....	33,798	506,970	361,578	785,034	977,880	885,120
Iron, Pig, tons.....	11,171,393	115,813,805	112,302,086	114,209,327	117,400,218	117,824,757
Lard (see Hog Product).....	.....	.....	.....	.....	.....	.....
Lead, Pig, lbs.....	17,160,376	535,404	545,873	1,292,662	1,058,456	990,854
Lead, White, lbs.....	17,333,454	939,473	916,992	1,005,206	1,031,432	1,018,714
Leather, bundles.....	71,775	3,014,550	2,566,585	2,603,230	3,585,832	3,866,287
Lemons, boxes.....	26,002	114,409	106,131	121,062	168,212	159,770
Lime, bbls.....	43,265	34,612	34,167	53,586	63,541	71,053
Lumber, cars.....	25,661	10,264,400	8,007,600	9,978,400	11,282,400	10,613,200
Malt, bush.....	463,916	296,906	286,620	289,972	408,904	408,858

## VALUE OF PRINCIPAL SHIPMENTS—Continued.

ARTICLES.	Total Quantity. 1895	Total Value. 1895	Total Value. 1894	Total Value. 1893	Total Value. 1892	Total Value. 1891-92
Manufactures, sundry, pieces.....	151,808	\$7,590,150	\$6,715,450	\$9,007,800	\$9,190,100	\$9,136,200
Melons, Water, cars.....	2,091	308,195	277,965	286,235	348,800	349,200
Merchandise, sundry, tons.....	591,559	88,733,850	85,127,850	95,969,450	100,130,700	105,525,900
Molasses, bbls.....	35,671	677,749	772,118	896,004	741,580	665,306
Nails, kegs.....	381,485	686,673	649,450	716,889	1,230,341	1,332,604
Oats, bush.....	2,987,595	866,402	777,501	933,996	767,995	898,017
Oil, bbls.....	218,625	5,082,931	3,170,084	3,512,960	3,103,825	2,278,350
Onions, bbls. and sacks.....	43,184	73,413	102,796	157,814	139,133	145,570
Oranges, boxes.....	92,451	305,088	1,565,748	1,178,556	1,377,613	1,276,671
Peanuts, bush.....	296,523	370,654	254,421	360,950	352,620	259,372
Petroleum, bbls.....	†936,303	†3,838,842	†5,353,362	†5,677,756	†4,821,233	†6,343,232
Pork (see Hog Product).....						
Potatoes, bbls.....	373,243	634,513	564,482	707,218	610,790	517,035
Rice, bbls.....	21,281	319,215	365,993	437,281	519,652	543,675
Rope, Twine, etc., pkgs.....	109,550	766,850	785,904	1,355,424	1,932,259	1,969,282
Rosin, bbls.....	47,141	98,996	66,816	32,060	68,162	78,294
Rye, bush.....	178,836	96,571	81,131	122,762	202,363	174,373
Salt, bbls.....	†529,563	†529,653	†348,418	†329,001	†325,799	†322,546
Seed—Flax, bush.....	1,546	1,778	989	40,848	58,188	99,906
Clover, Timothy, etc., bags.....	111,360	890,890	1,053,482	983,544	717,063	677,544
Sheep, head.....	426,605	1,173,164	1,292,893	1,773,827	2,086,001	2,807,800
Shot, lbs.....	1,268,200	58,971	102,578	147,301	179,123	183,947
Soap, boxes.....	1,287,321	6,436,605	†6,330,665	†5,315,765	†5,326,530	†5,334,630
Sorghum, bbls.....	1,677	18,866	63,822	77,981	56,500	54,922
Spices, pkgs.....	4,486	201,870	292,545	328,455	400,230	426,645
Starch, boxes.....	†608,544	†760,680	†802,890	†706,396	†1,170,549	†1,238,334
Stearine, tierces.....	7,991	179,798	161,750	89,190	84,375	63,342
Stone.....		†270,000	†270,000	†300,000	†300,000	†275,000
Sugar, hhds.....	1,146	48,132	47,586	54,600	29,525	36,520
Sugar, bbls.....	143,343	2,257,662	2,139,094	1,669,052	2,025,311	2,094,046
Tallow, tierces.....	4,734	89,946	95,193	99,645	100,062	112,200
Tobacco, Leaf, hhds.....	100,781	11,388,258	14,582,040	13,841,024	15,379,440	13,478,683
Tobacco, Leaf, cases and bales.....	10,212	612,720	963,430	1,231,020	1,294,150	1,264,080
Tobacco, Manufactured, pkgs.....	149,948	2,219,220	2,407,050	2,559,435	3,113,850	3,718,575
Turpentine, bbls.....	19,485	263,048	213,524	184,032	350,448	383,265
Vegetables, Green, tons.....	5,656	311,080	493,515	406,600	341,505	344,296
Vinegar, bbls.....	23,080	115,150	138,330	123,985	198,405	187,545
Wheat, bush.....	1,647,274	1,103,673	1,128,794	1,160,906	1,355,497	1,342,354
Whisky, bbls.....	†368,100	†21,949,800	†28,290,248	†27,809,880	†31,382,100	†31,563,425
Wines and Liquors, bbls.....	7,619	342,855	387,945	525,915	697,815	652,640
Wines and Liquors, cases and packages.....	138,048	1,656,576	1,871,292	2,103,072	2,217,072	2,192,220
Wool, bales.....	31,007	1,178,266	2,065,120	2,742,755	4,187,583	2,799,439
Totals.....		\$278,761,034	\$280,105,173	\$308,984,783	\$337,816,401	\$346,383,504

† Including also sales made at Cincinnati, where goods were shipped directly from the place of manufacture or storage, without the same stopping at this city.

‡ Supplemental reports included.

§ Estimated.

## CINCINNATI TRADE VALUATION COMPARISONS.

Approximate Aggregate Value of Annual Receipts and Shipments of Commodities, respectively, at Cincinnati, for years indicated:

YEARS.	Receipts.	Shipments.	YEARS.	Receipts.	Shipments.
1860-61.....	\$ 90,198,136	\$67,023,126	1878-79.....	\$208,153,301	\$192,338,337
1861-62.....	108,292,893	76,449,862	1879-80.....	256,137,902	253,827,267
1862-63.....	144,189,213	102,397,171	1880-81.....	274,651,218	271,973,776
1863-64.....	389,790,537	239,079,825	1881-82.....	296,605,258	294,719,798
1864-65.....	307,552,397	193,790,311	1882-83.....	284,239,878	290,907,330
1865-66.....	362,032,766	201,850,055	1883-84.....	264,118,642	272,157,351
1866-67.....	335,961,233	192,929,817	1884-85.....	247,347,134	253,260,366
1867-68.....	290,063,948	144,262,133	1885-86.....	254,369,127	264,529,918
1868-69.....	283,927,903	163,064,358	1886-87.....	269,964,877	279,250,068
1869-70.....	312,978,665	198,517,690	1887-88.....	281,995,617	287,443,410
1870-71.....	283,796,219	179,848,427	1888-89.....	287,594,295	295,188,485
1871-72.....	317,646,608	200,607,040	1889-90.....	300,711,893	316,419,785
1872-73.....	326,023,054	213,320,768	1890-91.....	326,247,000	332,765,000
1873-74.....	331,777,055	221,536,852	1891-92.....	346,470,000	346,385,000
1874-75.....	311,072,639	201,404,023	1892.....	347,456,000	337,815,000
1875-76.....	294,214,245	190,186,929	1893.....	319,623,000	308,985,000
1876-77.....	260,892,540	191,486,831	1894.....	295,750,000	280,105,000
1877-78.....	223,237,157	186,209,646	1895.....	302,170,000	278,761,000

NOTE.—The years subsequent to 1878-79 include also the total approximate shipments of goods manufactured in Cincinnati.

## CINCINNATI MANUFACTURING COMPARISONS.

Aggregate Value of the Products of Cincinnati Manufacturing Industry, Number of Hands Employed, Value of Real Estate Occupied, Cash Capital Invested, and Number of Establishments Engaged, for years indicated:

YEARS.	Number of Establishments.	Cash Capital Invested.	Value of Real Estate Occupied.	Number of Hands Employed.	Value of Production.
Total for year ending January 1, 1841.....	*.....	*.....	*.....	9,040	\$16,366,443
" " " " 1851.....	*.....	*.....	*.....	26,527	46,189,279
" " " " 1861.....	*.....	*.....	*.....	30,268	46,995,062
" " " " 1870.....	*.....	\$45,225,586	\$36,853,783	59,354	119,740,089
" " " " 1871.....	*.....	51,673,741	37,124,119	59,827	127,459,021
" " " " 1872.....	*.....	50,520,179	40,443,553	58,443	135,988,365
" " " " 1873.....	3,971	55,265,129	45,164,954	58,508	143,486,675
" " " " 1874.....	4,118	54,377,853	47,753,133	55,915	127,698,858
" " " " 1875.....	4,469	63,149,085	52,151,680	60,999	144,207,871
" " " " 1876.....	4,693	64,429,740	53,326,440	62,218	146,431,354
" " " " 1877.....	5,003	61,883,787	51,550,933	60,723	140,583,960
" " " " 1878.....	5,183	57,868,592	47,464,792	64,709	135,123,768
" " " " 1879.....	5,272	57,509,215	45,245,687	67,145	138,796,165
" " " " 1880.....	5,493	60,523,350	48,111,870	74,798	148,957,290
" " " " 1881.....	5,450	67,651,352	40,096,458	80,839	163,351,497
" " " " 1882.....	5,335	72,916,171	41,283,135	86,293	186,329,687
" " " " 1883.....	5,516	77,624,359	43,767,681	90,523	194,572,536
" " " " 1884.....	5,492	78,309,414	44,779,169	91,761	200,857,439
" " " " 1885.....	5,738	75,046,064	44,155,240	88,488	184,465,410
" " " " 1886.....	5,946	76,248,200	45,520,585	93,103	190,722,153
" " " " 1887.....	6,566	77,918,870	46,418,885	98,600	198,257,029
" " " " 1888.....	6,774	78,468,800	46,770,519	108,325	203,459,396
Total for year ending July 1, 1890.....	†8,667	†106,599,037	†63,982,264	†115,944	†236,162,060

NOTE.—Estimated value of production in 1892, \$255,000,000; in 1893, \$238,000,000.

\*Not reported. †Comprising also Covington, Newport and industries in Hamilton County legitimately belonging to Cincinnati.

## YEARLY MOVEMENT OF GRAIN.

Receipts and shipments of Wheat, Corn, Oats, Barley and Rye, representing bushels, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	WHEAT.		CORN.		OATS.		BARLEY.		RYE.	
	Receipts.	Shipm'ts.	Receipts.	Shipm'ts.	Receipts.	Shipm'ts.	Receipts.	Shipm'ts.	Receipts.	Shipm'ts.
1869-70.....	1,195,341	806,775	1,979,645	384,500	1,470,075	188,839	836,331	56,088	237,885	53,751
1870-71.....	866,459	409,893	2,068,900	672,628	1,215,794	244,169	800,988	17,739	289,775	51,026
1871-72.....	762,144	323,405	1,828,866	246,632	1,160,053	230,963	1,177,306	26,984	357,309	110,464
1872-73.....	860,454	412,722	2,259,544	324,183	1,320,979	324,718	1,228,245	37,456	426,660	61,577
1873-74.....	1,221,176	784,990	3,457,164	658,718	1,372,464	216,660	1,084,600	90,688	385,934	117,349
1874-75.....	1,135,388	600,622	3,695,561	595,915	1,323,380	193,242	1,109,693	82,733	336,410	98,245
1875-76.....	1,052,952	558,252	4,115,594	1,028,325	1,441,158	321,755	1,551,944	232,556	500,515	178,403
1876-77.....	1,436,851	961,754	4,559,506	1,317,142	1,096,916	137,286	1,258,163	152,412	427,145	148,263
1877-78.....	3,405,113	2,867,082	4,321,456	1,236,439	1,467,010	146,452	1,597,481	121,617	374,637	125,018
1878-79.....	3,834,722	3,381,387	4,359,549	915,390	1,398,572	305,307	1,180,652	264,648	489,780	153,859
1879-80.....	4,289,555	3,799,166	5,744,246	1,739,282	1,534,401	354,287	1,555,107	159,769	573,925	307,471
1880-81.....	2,908,675	1,873,070	7,737,066	2,806,052	2,248,527	676,675	1,889,467	104,154	789,347	396,969
1881-82.....	4,166,245	3,126,499	8,180,846	3,910,408	2,512,364	914,516	1,786,383	82,137	701,056	321,295
1882-83.....	3,305,214	2,077,743	4,792,473	1,196,730	2,124,957	522,519	2,019,531	65,459	750,401	165,997
1883-84.....	3,107,000	2,342,649	5,519,625	1,783,057	3,063,422	1,296,737	1,527,622	82,697	453,053	109,490
1884-85.....	1,931,582	1,185,105	6,433,623	2,895,493	3,633,812	1,973,831	1,610,784	122,217	537,739	194,250
1885-86.....	3,375,472	2,562,261	6,386,644	2,795,237	3,903,953	2,120,282	1,547,483	205,370	608,026	247,912
1886-87.....	2,426,345	1,616,646	6,731,719	2,975,090	3,280,071	3,459,756	2,054,388	152,148	470,334	172,436
1887-88.....	1,954,494	1,052,687	5,878,935	2,391,596	6,354,100	4,186,908	1,851,890	93,511	397,594	126,669
1888-89.....	1,383,599	965,262	6,661,396	3,143,854	5,642,093	3,282,897	1,877,664	175,312	509,534	305,065
1889-90.....	1,257,093	908,512	6,825,161	2,716,545	5,085,746	2,765,143	2,190,616	177,268	556,977	327,910
1890-91.....	2,133,748	1,705,901	6,126,482	2,210,577	4,092,734	1,918,730	1,740,984	97,617	509,649	251,356
1891-92.....	1,971,600	1,475,115	5,509,601	1,864,335	5,224,537	2,721,264	1,339,470	37,581	462,203	202,759
1892.....	2,093,551	1,653,045	5,234,330	1,664,315	4,696,305	2,327,237	1,954,847	42,575	443,219	273,463
1893.....	2,084,546	1,786,009	7,077,860	3,825,355	5,428,247	2,918,737	1,381,220	32,404	484,979	219,218
1894.....	2,399,982	2,052,353	10,744,781	7,316,340	4,479,437	2,159,724	1,310,447	20,161	417,117	153,077
1895.....	2,030,682	1,647,274	8,892,763	5,710,115	5,418,632	2,987,395	1,065,862	28,255	433,458	178,836

## LOCAL AND TOTAL MOVEMENT OF GRAIN.

Movement of Grain, representing bushels, at Cincinnati, showing the local movement and aggregate, including Grain on through bills of lading, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	LOCAL MOVEMENT.		INCLUDING GRAIN IN TRANSIT.	
	Receipts.	Shipments.	Receipts.	Shipments.
1881-82.....	17,346,894	8,354,855	19,152,119	10,160,080
1882-83.....	12,992,576	4,028,448	15,840,051	6,875,923
1883-84.....	13,670,722	5,614,630	18,488,847	10,432,755
1884-85.....	14,147,540	6,370,896	20,081,165	12,304,521
1885-86.....	15,821,578	7,931,062	21,114,228	13,223,712
1886-87.....	16,962,813	8,376,076	22,119,153	13,532,416
1887-88.....	16,436,983	7,851,371	18,563,403	9,977,791
1888-89.....	16,164,286	7,882,390	21,428,866	13,146,970
1889-90.....	15,925,623	6,895,378	22,838,243	13,807,998
1890-91.....	14,603,597	6,184,181	18,444,447	10,025,081
1891-92.....	15,098,411	6,301,254	21,847,861	13,060,704
1892.....	14,362,252	5,960,655	19,081,352	10,679,755
1893.....	16,456,852	8,841,923	21,795,502	14,181,189
1894.....	19,351,764	11,701,655	27,834,914	20,184,806
1895.....	17,841,417	10,562,075	25,348,317	18,068,975

## YEARLY RANGE AND AVERAGE PRICES OF GRAIN.

Lowest and highest range and average yearly quotations, per bushel, at Cincinnati, for No. 2 Red Wheat; Mixed Ear Corn; Oats, representing No. 1 Mixed from 1864-65 to 1872-73, inclusive, and No. 2 Mixed from 1873-74 to 1895, inclusive; No. 2 Rye, and yearly average for No. 2 Fall Barley, for commercial years to 1891-92, and calendar years subsequently:

YEARS.	WHEAT.		CORN.		OATS.		RYE.		BARLEY.
	Range.	Average.	Range.	Average.	Range.	Average.	Range.	Average.	
1864-65.....	1 25@2 07	1 78	56 @1 29	77	40 @90	52	62 @1 65	1 15	1 28
1865-66.....	1 75@2 80	2 27	45 @ 65	54	36 @56	42	65 @1 05	80	1 41
1866-67.....	1 95@3 50	2 79	59 @ 98	79	35 @86	57	80 @1 75	1 28	1 53
1867-68.....	1 90@2 65	2 31	82 @1 08	92	58 @80	69	1 25 @2 10	1 62	2 11
1868-69.....	1 15@1 98	1 57	57 @1 10	73	55 @76	64	90 @1 45	1 28	2 37
1869-70.....	1 08@1 33	1 15	69 @1 05	83	48 @59	54	78 @1 00	92	1 26
1870-71.....	1 10@1 55	1 27	50 @ 79	56	34 @56	46	65 @1 13	91	1 00
1871-72.....	1 13@2 08	1 58	44 @ 57	49	30 @42	37	65 @1 10	85	78
1872-73.....	1 30@1 80	1 56	39 @ 50	42	27 @48	36	65 @ 90	76	87
1873-74.....	1 03@1 60	1 38	42 @ 75	60	33 @63	48	70 @1 20	93	1 51
1874-75.....	1 03@1 75	1 16	58 @ 87	72	44 @71	59	83 @1 28	1 06	1 41
1875-76.....	1 00@1 50	1 10	40 @ 73	51	30 @60	38	55 @ 87	74	1 20
1876-77.....	1 08@2 15	1 41	40 @ 57	46	28 @52	37	55 @1 05	74	90
1877-78.....	85@1 35	1 11	38 @ 49	42	26 @30	29	52 @ 66	59	52
1878-79.....	85@1 15	96	31 @ 45	37	22 @36	27	49 @ 62	54	1 00
1879-80.....	93@1 37	1 16	42 @ 51	42	23 @41	34	54 @ 95	82	89
1880-81.....	88@1 39	1 10	40 @ 87	49	30 @46	38	83 @1 35	1 04	98
1881-82.....	95@1 50	1 32	56 @ 87	72	37 @64	50	68 @1 17	94	1 05
1882-83.....	95@1 17	1 05	44 @ 76	54	28 @48	39	51 @ 70	62	76
1883-84.....	80@1 10	1 01	40 @ 62	53	25 @45	34	54 @ 71	62	80
1884-85.....	72@1 09	89	37 @ 59	47	25 @41	32	53 @ 75	63	86
1885-86.....	74@1 00	88	32 @ 48	39	25 @44	30	53 @ 69	63	61
1886-87.....	71@ 89	80	34 @ 55	40	26 @42	29	46 @ 66	58	81
1887-88.....	71@ 96	85	44 @ 61	52	26 @48	33	50 @ 73	62	78
1888-89.....	73@1 15	93	30 @ 49	37	20 @29	26	41 @ 65	52	57
1889-90.....	75@1 02	83	27 @ 56	36	21 @40	27	41 @ 72	50	77
1890-91.....	82@1 16	99	49 @ 77	60	31 @48	48	61 @1 05	81	70
1891-92.....	73@1 01	90	39 @ 67	48	30 @39½	33	62 @ 87½	85	69
1892.....	65@ 93	81	39 @ 53	45	32 @36¼	33	52½ @ 99	73	64
1893.....	52@ 75	64	35½ @ 51	44	20 @36	32	48 @ 68	55	60
1894.....	48@ 60	54	35½ @ 59½	45	29½ @54	35	41½ @ 56	52	58½
1895.....	53@ 90	66	24¼ @ 56	41	19 @34½	27	40 @ 75	53	

## MONTHLY PRICES OF WHEAT.

Monthly range of quotations for No. 2 Red Wheat, per bushel, at Cincinnati:

MONTHS.	1895	1894	1893	1892	1891	1890	1889	1888
January.....	53 @55	58 @60	70 @75	92 @96½	95 @1 00	76@ 80	95 @1 01	87 @ 90
February.....	53½@55	56½@59¼	70 @73½	92½@98	99 @1 01	76@ 79	96 @1 02	84 @ 87½
March.....	55 @60	55 @56	67 @ 70	89½@96	98 @1 07	76@ 81	92 @ 98	84½@ 88
April.....	59 @70	56 @59	66 @70	89 @93	1 06½@1 13	79@ 90	84 @ 95	85½@ 89
May.....	68 @88	50 @56½	65 @71	86 @91	1 05 @1 13	89@ 97	78 @ 90	86 @ 96½
June.....	75 @90	53 @58½	59 @65	81½@90	1 00 @1 06	83@ 94	80 @ 90	85 @ 95
July.....	67 @75	48½@57½	52 @61	74 @83	81½@1 00	85@ 95½	83 @ 90	84 @ 86
August.....	63 @71	48 @51½	53 @60	73 @76	87 @1 02	92@1 02½	73 @ 85	80 @ 91
September.....	62 @70	50 @52½	57 @66	70 @73	93 @ 99	97@1 01	75 @ 83	87 @1 00
October.....	66 @70	49½@51½	60 @66	65 @74	94 @1 01	97@1 01½	76 @ 83	1 00 @1 15
November.....	66 @67½	51 @55	57 @60½	65½@73	94 @ 98½	92@ 95½	77 @ 79	1 02 @1 09
December.....	64½@69	53 @54½	58½@60	67 @70½	92 @ 97	95@1 00	76¼@ 82	95 @1 06
YEARS.....	53 @90	48 @60	52 @75	65 @98	81½@1 16	76@1 02½	73 @1 02	80 @1 15

## MONTHLY PRICES OF CORN.

Monthly range for No. 2 Mixed Corn (shelled), per bushel, at Cincinnati:

MONTHS.	1895	1894	1893	1892	1891	1890	1889	1888
January.....	41 @43½	35½ @38½	40½ @43½	40½ @43½	51½ @55½	30 @33	34½ @36	51 @58½
February.....	42 @44½	36½ @38½	42 @45½	40 @42½	52½ @58	30 @32½	32½ @35	51 @52
March.....	42 @48½	37 @40	41½ @45	40½ @43	56½ @74	29½ @33	32½ @35½	51½ @54½
April.....	46 @48½	39 @42½	41 @44½	40 @44	70½ @77½	32 @37½	34 @36	52½ @57½
May.....	48½ @56	41 @42½	43 @46	42½ @51	55½ @73	35½ @39½	34½ @36	56 @61
June.....	46 @54	41 @45	39 @43	47 @55½	56½ @65	34½ @39½	34½ @38	50 @56
July.....	43 @50	44½ @52	40 @44	48½ @50½	59 @67½	37½ @49½	36½ @39½	46 @51
August.....	36 @44	50 @58½	40 @45½	50 @54½	61 @67½	49 @55	35 @38½	44 @49
September.....	32 @37	54½ @60	41½ @44	47½ @52	55 @68	47½ @53½	34½ @37	44½ @49½
October.....	31 @33½	50 @54½	39 @43½	43 @47	57 @60	52 @57	34 @37	44½ @47
November.....	30 @32	44 @54	38 @41	43 @45	51 @58	52½ @58½	34 @38	42½ @46½
December.....	25½ @30	43 @46	37 @41	41 @45	42 @52	51 @54	30 @39	34½ @44
YEARS.....	25½ @56	35½ @60	37 @46	40 @55½	42 @77½	29½ @58½	30 @39½	34½ @61

## MONTHLY PRICES OF OATS.

Monthly range of quotations for No. 2 Mixed Oats, per bushel, at Cincinnati:

MONTHS.	1895	1894	1893	1892	1891	1890	1889	1888
January.....	31½ @33	30 @32½	34 @36	32½ @34½	43½ @48½	23 @25	27½ @28½	34 @36
February.....	30½ @32	30½ @32½	33 @35	32 @33	47½ @49½	23 @25	26 @28½	32 @34½
March.....	31 @32½	31½ @36	33½ @35½	30 @32½	48 @58	23 @25½	26 @29	33½ @34½
April.....	30½ @32½	33½ @37½	31 @34½	30½ @33	54½ @58½	24½ @28½	26 @27½	33½ @35½
May.....	30½ @32	37½ @40½	31 @35	31 @37	47 @57½	27 @31½	25 @27½	34½ @38
June.....	29½ @34½	39 @49	31 @36½	33 @39½	39 @49	28½ @31½	25 @26½	34½ @37½
July.....	26 @29½	30 @54	20 @34	33½ @35½	31 @41½	31 @40	25 @27	33 @36
August.....	21 @27	30½ @34½	26 @32½	33 @35	30½ @33	37 @40	20 @26½	26 @35
September.....	21½ @23	30½ @33	26 @32	32½ @35	30 @33	37 @40	21 @23	24½ @27
October.....	19 @21½	29½ @31½	28 @32½	32 @34	30 @32½	40½ @48½	21 @23	25½ @26½
November.....	19½ @22	30½ @33	29 @32	32 @36½	31½ @37	41 @50	21 @23½	25½ @29½
December.....	19½ @21½	31½ @33½	30 @36	34 @36	34 @36½	41½ @48½	22½ @25½	27½ @29½
YEARS.....	19 @34½	29½ @54	20 @36	30 @39½	30 @58½	23 @50	20 @29	24½ @38

## MONTHLY PRICES OF RYE.

Monthly range of quotations for No. 2 Rye, per bushel, at Cincinnati:

MONTHS.	1895	1894	1893	1892	1891	1890	1889	1888
January.....	54½ @55½	50 @54	56 @63	87 @93	73½ @76	46 @54	53½ @57	69 @70
February.....	54½ @58½	51 @52	56½ @60½	86 @92½	75½ @89	46 @52	52 @54	61 @70
March.....	57½ @60	52 @56	55 @57	89 @90½	87 @1 05	45 @50	45 @53½	61 @68
April.....	58 @75	54 @56	56 @60	80 @89	92 @99	48 @57	45 @52	66 @73
May.....	62 @73	52 @55	60 @68	80 @86	90 @94	55 @60	46 @50	68 @73
June.....	63 @72	51 @53½	54 @63	78½ @85	85 @90	50 @60	44 @48	60 @68
July.....	45 @63	41½ @56	50 @55	65 @79	61 @85	47 @55	44 @49	51 @60
August.....	42 @50	42 @46½	49 @50	62 @67	71 @1 05	55 @72	41 @47½	50 @59
September.....	42 @46	46 @55	48 @52	55 @62	87 @90	65 @68	41 @47	54½ @58
October.....	41 @46	50 @53½	51 @52	56 @61	87½ @92	67 @75½	44 @45½	54½ @65
November.....	40 @42	50½ @53½	50 @52	52 @57	90 @97½	74 @75½	45 @47	55 @59
December.....	40 @42	53 @56	53 @54	53 @57	93 @95½	73 @75	45 @47	55 @57
YEARS.....	40 @75	41½ @56	48 @68	52½ @93	61 @1 05	45 @75½	41 @57	50 @73

## PRICES OF WHEAT AND RYE.

Quotations for No. 2 Red Winter Wheat and No. 2 Rye, per bushel, at Cincinnati, on Tuesday of each week, in three years:

No. 2 RED WINTER WHEAT.				No. 2 RYE.			
DATES.	1895	1894	1893	DATES.	1895	1894	1893
January 1..	54½	59 @59½	70	January 1..	56½	54	56 @56½
8..	54½	60	70½	8..	54½@55	53	61
15..	55½	58½@59	73 @73½	15..	54 @54½	50	63
22..	54½	59½	73	22..	55	50	62½
29..	58½	60	71	29..	54½@55	52	60 @60½
February 5..	54	59	71 @72	5..	54½@55	51	59
12..	54½@55	57½	73½	12..	58	51	58 @59
19..	53½@54	57½	71½@72	19..	58½	51	57
26..	54½	57 @57½	70	26..	57½@58	52	56½
March 5..	55	57	70	5..	58 @58½	52	56½
12..	57 @57½	56½	69 @70	12..	57½	54 @55	56
19..	59	55½	68 @69	19..	58 @58½	54½	55 @56
26..	58 @58½	56	67½@68	26..	59 @59½	55	56
April 2..	59 @59½	56½	67½	2..	59 @60	54	57
9..	60½@60½	57½@58	68 @68½	9..	60	54 @54½	59
16..	60	57½	66½@67	16..	65½	54½	58 @59
23..	66	57 @57½	66½@67	23..	75	54 @55	60
30..	69 @69½	56½	67½@68	30..	65 @67	53½@54	60
May 7..	69	55½	70	7..	62 @63	54	63
14..	70	51½	71	14..	62 @63	54	64
21..	77 @79	52	68 @69	21..	64 @65	53	65 @67
28..	86 @86½	52½	65	28..	70 @72	52	61 @63
June 4..	86	53½	64	4..	70 @72	51	60
11..	90	57 @58	64½@65	11..	67 @70	51½	57
18..	81	57	62	18..	65	51½	56
25..	75	57	60	25..	68	53 @53½	54 @55
July 2..	75	56½@57	59 @60	2..	68	53	55
9..	68	53½	60	9..	58 @54	55 @56	52½
16..	67 @67½	52	59	16..	45	49	50
23..	67½	48½@48½	59	23..	45	45 @46	50
30..	71	50	52½@53	30..	48 @49	41½@42	50
August 6..	71	50	54½@55	6..	49½@50	44 @45	49
13..	68½@69	51	58	13..	45½	45 @45½	49½
20..	69	50 @50½	59 @59½	20..	45	45	49½
27..	64	51	58 @58½	27..	45½	45	49½
September 3..	64	50½@51½	58	3..	42	47½	50
10..	63	51½	61	10..	46	49	48 @50
17..	63	52½	63	17..	42	54	49 @51
24..	65½	51½@52	66	24..	42	53½	51
October 1..	70	50½@51½	64	1..	43½	52 @52½	51
8..	66½@67	50½@51	63½@64	8..	46	52	51
15..	68½	50½	61	15..	45½	52	51
22..	65½@66	50½	62	22..	45	51½@52	52
29..	66 @66½	50	60	29..	41 @42	50	51 @52
November 5..	66 @66½	52 @52½	58½	5..	41	51	51 @52
12..	66½@67	53½	60	12..	40	51 @52	51
19..	67	54½	57	19..	40	53	50½
26..	66	53 @53½	60	26..	41	52½@53	54
December 3..	67	54	59	3..	41 @42	55½	54
10..	69	54	59	10..	42	54 @55	54
17..	66½	54½	58	17..	40	55½	53
24..	64½@65	54	59	24..	40	55½	54
31..	66½	54½	59 @59½	31..	40	55½	54

\* New.

Months of lowest and highest prices of Wheat, in years indicated:

YEARS.	Lowest.	Highest.	YEARS.	Lowest.	Highest.
1888-89.....	August.....	October.....	1892.....	October.....	February.
1889-90.....	September.....	August.....	1893.....	July.....	January.
1890-91.....	July.....	April.....	1894.....	August.....	January.
1891-92.....	August.....	October.....	1895.....	January.....	June.



## PRICES OF CORN.

Quotations of Mixed Ear Corn and No. 2 Mixed Corn (shelled), per bushel, at Cincinnati, on Tuesday of each week, in three years:

MIXED EAR CORN.				No. 2 MIXED CORN (SHELLED).			
DATES.	1895	1894	1893	DATES.	1895	1894	1893
January 1.....	42 @44½	36 @37	44 @45	January 1.....	42¾@43	37	40½@41
8.....	42½	37 @39	44 @45	8.....	42	38½	41 @41½
15.....	42½@43½	36 @38½	47 @48	15.....	42¾@43	35½	43
22.....	42 @42½	37 @39	46½@47½	22.....	41	36 @36½	42½@43
February 29.....	41 @42	40	43½@44	29.....	42	37	42 @42½
5.....	42 @43	39 @40	43 @44	5.....	43	36½@37	42½@43
12.....	43 @44	40	44 @45	12.....	44	37 @37½	44
19.....	42 @42½	39 @41	44 @45	19.....	42½@42½	37½@38	45
26.....	42½@43	40 @41	45½@46	26.....	42½@42½	37½	44½
March 5.....	43 @44	40	45 @46½	5.....	42½	36½	42½@43
12.....	45 @45½	40 @41	45 @46½	12.....	46½@46½	38 @38½	41½
19.....	44½@45½	40 @41	45½@46	19.....	46 @46½	39	43
26.....	45	40	45½@46	26.....	46½	39	42 @42½
April 2.....	47 @47½	39 @40	44 @45	2.....	47 @47½	39½@40	41 @42
9.....	46 @47	40	42 @45	9.....	46½@47	40	43½
16.....	46 @46½	45	43 @44	16.....	46½@47	41 @41½	42½
23.....	47 @47½	44 @46	40 @44	23.....	47 @48	42 @42½	43½@44
30.....	48 @49	44 @45	44 @45	30.....	48½	42	43 @44
May 7.....	49 @50	44 @45	47 @48	7.....	48 @49½	42	44 @44½
14.....	52 @52½	43 @43½	50	14.....	53½@54	42	45½
21.....	53½@54	43	49 @49½	21.....	54	41½	45½
28.....	52½@53	41 @42	49 @49½	28.....	55½	41	48
June 4.....	51½@52	43 @44	42½@43½	4.....	52	41	41
11.....	54 @54½	46 @47½	40 @44	11.....	55½	42	39 @40
18.....	52½@54	46 @47	41 @45	18.....	50 @50½	44½	40
25.....	49	46 @47	46 @47	25.....	46½@47	43 @43½	40
July 2.....	51	47 @48	43 @44	2.....	50	45	40 @40½
9.....	49 @50	48 @49	43 @44	9.....	47	51½	42
16.....	46 @47	49 @50	42 @43	16.....	47	45	42 @42½
23.....	42½@43	50	42 @43	23.....	43	44½@45	41
30.....	42 @44	51 @52½	42 @43	30.....	43½	48½	41
August 6.....	41 @42	53 @53½	46 @47	6.....	44	55 @56	44½
13.....	40 @40½	54 @55	49 @50	13.....	40 @40½	56 @56½	44
20.....	40	54½@55	45 @47	20.....	37	56½@56½	41
27.....	38 @39½	56 @57	45 @45	27.....	36 @36½	57	41
September 3.....	39 @40	56 @56½	45 @46	3.....	37 @37½	56	42½
10.....	40 @41	59 @59½	46½@48	10.....	36	59½	45
17.....	34	59 @59½	44 @46	17.....	32½	59	44
24.....	35 @36	56 @57½	44 @48	24.....	34½@35	56	43
October 1.....	33 @34	54 @55	46 @49	1.....	33½	54½@54½	43
8.....	33 @35	52½@53	45 @46	8.....	32½	53	43
15.....	30	49 @51	40	15.....	31½	53	41
22.....	29 @30	49 @51	39½@40	22.....	32	54	40
29.....	29 @30	38	40	29.....	32	50 @51	38½@39
November 5.....	27 @27½	40 @41	39 @40	5.....	32	52½	40
12.....	27½	44	39 @40	12.....	32	53	40
19.....	28 @29	42 @43	39	19.....	32	46	38 @38½
26.....	28½	40 @41½	39 @40	26.....	32	44 @44½	39
December 3.....	29	41½@42½	40	3.....	30	44½	40
10.....	30½@31	41 @41½	41 @42	10.....	30	44	39
17.....	28 @29	42	37 @38	17.....	28	44	38 @38½
24.....	24½@25	42½@44	35 @38	24.....	26 @26½	43 @43½	37½
31.....	28	42 @44½	36 @37	31.....	28½	42½@43	37

\* New.

Prices of No. 2 White Shelled Corn ranged during year by months as follows:

January.....	42½@45	April.....	47@50	July.....	43 @51	October.....	31@38½
February.....	42½@45	May.....	49@57	August.....	37½@44	November.....	30@32½
March.....	43 @48½	June.....	48@55	September.....	32 @39	December.....	26@30

NOTE.—General average for the year, 42.

## PRICES OF OATS.

Quotations for No. 2 Mixed Oats and No. 2 White Oats, per bushel, at Cincinnati, on Tuesday of each week, in three years:

No. 2 MIXED OATS.				No. 2 WHITE OATS.			
DATES.	1895	1894	1893	DATES.	1895	1894	1893
January 1.....	32½	31	34½@34¾	January 1.....	34½	33 @33½	36½
8.....	32½	32	34	8.....	34½@34½	34	35½@36
15.....	32½	30 @31	36	15.....	34½	32	37 @38½
22.....	31¾@32	30 @30½	35½	22.....	34	32½	36 @37
29.....	31¾	31	34 @34½	29.....	33½	33 @33½	36 @36½
February 5.....	31¾	30½@31½	33 @34	February 5.....	33½	33½	36
12.....	31¾@31¾	31½@31½	34½	12.....	33½	33½@34	36½@37
19.....	31½	31 @31½	34½@34½	19.....	33½	33½@34	36 @36½
26.....	31	31½@31¾	34½@35	26.....	33½	33	37 @38
March 5.....	31¼@32	32	34½	March 5.....	34 @34½	33	38½@39
12.....	32 @32½	35	34¾@35	12.....	34½@34½	35½@36	38½@39
19.....	31¾@32	35	35	19.....	35½	35½@36	38 @39
26.....	31½	34 @34½	34 @34¾	26.....	35	34½@35	38½@39
April 2.....	32	33½@34	33½@34	April 2.....	35½	35 @35½	37½
9.....	32	35½	33½@33½	9.....	34½@35	37½	36½
16.....	31¾@32	36 @36½	32 @32½	16.....	35	37½	35
23.....	31¾@31½	36	31½	23.....	34	37½@37½	34½
30.....	30½@31½	37½	31½@32	30.....	33	38½@38½	36½
May 7.....	30¾@31	36¾@37½	34 @35	May 7.....	34½	39½	38
14.....	31	38½	34 @34½	14.....	33¾@34	39½	38½
21.....	31¼@31½	38½@39	32½@33½	21.....	34½	39½@40	39½
28.....	31¾	39½@39½	31 @32	28.....	33¾	39½	37½
June 4.....	32¼	40½@41	31 @31½	June 4.....	34	41½	35½@36
11.....	34 @34½	43 @43½	31½@32	11.....	36½	44	34½@35
18.....	32½	46¾@47	32½@33½	18.....	34½@35½	47 @48	34 @34½
25.....	31	47½@48	32 @32½	25.....	33½	47½@48	34½
July 2.....	28 @28½	49½	31 @32	July 2.....	30	50	34 @34½
9.....	26½@27	52	31½@32	9.....	28½	52 @53	35 @36
16.....	26½	44 @45	33 @34	16.....	28	47	37½@38
23.....	27	31 @32	32 @33½	23.....	29	34	36½
30.....	28½	30 @31	21 @22	30.....	30	32½@32½	26
August 6.....	22	33 @34½	24 @24½	August 6.....	23 @23½	34½@37	27 @27½
13.....	21½@22	31 @31½	26 @27	13.....	23	34½@35	29
20.....	23	31 @31½	26½	20.....	25½	35 @35½	29 @29½
27.....	21	30½	20½@21½	27.....	24	34 @34½	29
September 3.....	21¾@22	30½@31	26 @26½	September 3.....	24½@24½	33½	29½
10.....	22	32	26½@27½	10.....	24	35	32½@33
17.....	21¼@21½	32 @32½	28 @28½	17.....	24½	34½	32½
24.....	22	31 @31½	31 @31½	24.....	24	33½	33½@34
October 1.....	21 @21½	31½	32	October 1.....	23½	33½	34
8.....	21	31 @31½	31½	8.....	23 @23½	33½@34	32 @32½
15.....	21	30 @30½	28½@29	15.....	22½	33	30½@31
22.....	20¾	30 @30½	29 @29½	22.....	22½	38	31
29.....	20½	29½@30	28½@29	29.....	22	32	31
November 5.....	19½@20½	31 @31½	30	November 5.....	22	33½	31½@32
12.....	21	33	31	12.....	22½	34 @34½	32 @32½
19.....	21½@22	32 @32½	31	19.....	22½@23	34	32
26.....	21½	31¾@32	31½@32	26.....	22½	34	32½
December 3.....	21 @21½	32 @32½	30½@31	December 3.....	22 @22½	34½@34½	32½@33½
10.....	20 @21	32½@32½	31½@32	10.....	22½	34½	33½@34½
17.....	20 @20½	32½@33	31 @31½	17.....	21½@22½	34½	33½@34
24.....	20½	32½@32½	30	24.....	21½	34½	32½
31.....	20	32½	31	31.....	20½	34½	33 @33½

\* New.

## PRICES OF MALT.

Prices of Spring Barley Malt ranged during the year by months as follows:

January.....	55@65	April.....	65@70	July.....	65@70	October.....	65@70
February.....	55@70	May.....	65@70	August.....	65@70	November.....	48@65
March.....	65@70	June.....	65@70	September.....	65@70	December.....	48@55

NOTE.—General average for the year, 64.

## PRICES OF BARLEY.

Quotations for Extra No. 3 Fall Barley and Extra No. 3 Spring Barley, per bushel, at Cincinnati, on Tuesday of each week, in three years:

EXTRA NO. 3 FALL BARLEY.				EXTRA NO. 3 SPRING BARLEY.			
DATES.	1895	1894	1893	DATES.	1895	1894	1893
January 1.....	54@58	54@55	62 1/2 @66	January 1.....	55@58	45@55	55@62
8.....	54@58	54@55	62 1/2 @66	8.....	55@58	45@55	55@62
15.....	54@58	54@55	62 1/2 @66	15.....	55@58	45@55	55@62
22.....	54@58	54@55	62 1/2 @66	22.....	55@58	45@55	55@62
29.....	54@58	54@55	62 1/2 @66	29.....	55@58	45@55	55@62
February 5.....	54@58	54@55	62 1/2 @66	February 5.....	55@58	45@55	55@62
12.....	54@58	54@55	62 1/2 @66	12.....	55@58	45@55	55@62
19.....	54@58	51@53	62 1/2 @66	19.....	57@59	45@55	55@62
26.....	54@58	51@53	62 1/2 @66	26.....	57@59	45@55	55@62
March 5.....	54@58	51@53	62 1/2 @66	March 5.....	57@59	45@55	55@62
12.....	54@58	51@53	62 1/2 @66	12.....	57@59	45@55	55@62
19.....	54@58	53@56	62 1/2 @66	19.....	57@59	47@56	55@62
26.....	54@58	53@56	62 1/2 @66	26.....	57@59	47@56	55@62
April 2.....	54@58	53@56	62 1/2 @66	April 2.....	57@59	47@56	55@62
9.....	54@58	53@56	62 1/2 @66	9.....	57@59	47@56	55@62
16.....	54@58	53@56	62 1/2 @66	16.....	57@59	47@56	55@62
23.....	54@58	53@56	62 1/2 @66	23.....	57@59	47@56	55@62
30.....	54@58	53@56	62 1/2 @66	30.....	57@59	47@56	55@62
May 7.....	54@58	53@56	62 1/2 @66	May 7.....	57@59	47@56	55@62
14.....	54@58	53@56	58 @62	14.....	57@59	47@56	48@52
21.....	54@58	53@56	58 @62	21.....	57@59	47@56	48@52
28.....	54@58	53@56	58 @62	28.....	57@59	47@56	48@52
June 4.....	54@58	53@56	58 @62	June 4.....	57@59	47@56	48@52
11.....	54@58	53@56	58 @62	11.....	57@59	47@56	48@52
18.....	54@58	53@56	58 @62	18.....	57@59	47@56	48@52
25.....	54@58	53@56	58 @62	25.....	57@59	47@56	48@52
July 2.....	54@58	53@56	58 @62	July 2.....	57@59	47@56	48@52
9.....	54@58	53@56	58 @62	9.....	57@59	47@56	48@52
16.....	54@58	53@56	58 @62	16.....	57@59	47@56	48@52
23.....	54@58	53@56	58 @62	23.....	57@59	47@56	48@52
30.....	54@58	53@56	58 @62	30.....	57@59	47@56	48@52
August 6.....	51@58	53@56	58 @62	August 6.....	57@59	47@56	48@52
13.....	54@58	53@56	58 @62	13.....	57@59	47@56	48@52
20.....	54@58	48@55	58 @62	20.....	57@59	46@52	48@52
27.....	54@58	48@55	58 @62	27.....	57@59	46@52	48@52
September 3.....	54@58	55@60	50 @53	September 3.....	57@59	.....	44@49
10.....	46	59	50 @53	10.....	57@59	56@58	44@49
17.....	46	56	50 @53	17.....	40@49	56@58	44@49
24.....	45@46	56@58	50 @53	24.....	43@46	58@61	44@49
October 1.....	42	56@58	55 @58	October 1.....	40@43	58@61	53@56
8.....	44@45	56@58	55 @58	8.....	35@44	57@59	53@56
15.....	44@45	56@58	55 @58	15.....	35@44	57@59	53@56
22.....	42@44	54@58	58 @59	22.....	35@40	55@58	53@54
29.....	40@42	54@58	57 @58	29.....	35@40	55@58	50@54
November 5.....	40@42	54@58	57 @58	November 5.....	35@40	55@58	50@54
12.....	38@40	54@58	57 @58	12.....	35@40	55@58	50@54
19.....	35@38	54@58	57 @58	19.....	33@37	55@58	50@54
26.....	35@38	54@58	57 @58	26.....	33@37	55@58	50@54
December 3.....	35@38	54@58	57 @58	December 3.....	33@37	55@58	50@54
10.....	35@38	54@58	57 @58	10.....	33@37	55@58	50@54
17.....	31@35	54@58	57 @58	17.....	30@37	55@58	50@54
24.....	31@35	54@58	51 @55	24.....	30@37	55@58	45@55
31.....	31@35	54@58	51 @55	31.....	30@37	55@58	45@55

Prices of No. 2 Fall Barley ranged during the year by months as follows:

January.....	58@59	April.....	58@59	July.....	58@59	October.....	
February.....	58@59	May.....	58@59	August.....	58@59	November.....	
March.....	58@59	June.....	58@59	September.....	58@59	December.....	

NOTE.—General average for the year, 56 1/2.

## MONTHLY RECEIPTS AND SHIPMENTS OF GRAIN.

Monthly receipts and shipments of Grain, in bushels, at Cincinnati, for the year ending December 31, 1895:

MONTHS.	RECEIPTS.					SHIPMENTS.				
	WHEAT.	CORN.	OATS.	RYE.	BARLEY.	WHEAT.	CORN.	OATS.	RYE.	BARLEY.
January.....	97,699	409,578	294,079	29,158	104,940	60,547	110,432	121,516	12,157	3,500
February.....	95,510	413,790	303,276	44,873	61,049	70,701	30,132	113,182	11,562	.....
March.....	110,349	293,594	270,654	30,007	70,865	95,619	37,521	174,572	19,267	51
April.....	104,094	330,470	311,880	56,380	24,500	67,754	62,288	107,479	28,193	72
May.....	80,455	309,782	249,323	50,068	4,903	51,999	44,478	107,782	34,507	25
June.....	52,092	226,018	335,477	6,940	.....	29,750	41,471	79,594	2,994	.....
July.....	102,757	234,744	253,836	17,994	1,761	42,785	53,912	81,329	2,101	.....
August.....	139,067	167,394	442,258	55,848	6,413	83,292	27,015	182,002	8,701	.....
September.....	82,128	174,126	419,156	80,152	89,110	83,462	22,658	95,734	1,641	1,487
October.....	164,574	189,350	580,185	27,733	307,860	107,581	39,704	161,676	6,060	705
November.....	63,655	222,407	190,297	32,776	177,200	54,120	43,492	124,903	27,816	1,400
December.....	128,303	409,110	258,231	41,634	196,271	105,714	84,992	77,826	14,337	15

## VISIBLE SUPPLY OF WHEAT.

Stocks of Wheat, in granary, at principal points of accumulation, at lake and seaboard ports, and in transit by water, the first of each month, for ten years:

MONTHS.	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886
January.....	88,561,000	80,228,000	81,238,000	45,908,000	25,478,000	33,972,000	38,321,000	44,422,000	62,730,000	58,438,000
February.....	84,665,000	80,264,000	81,487,000	43,118,000	23,592,000	31,488,000	34,875,000	41,761,000	61,885,000	54,989,000
March.....	79,476,000	77,257,000	79,463,000	41,111,000	22,926,000	28,996,000	32,000,000	38,463,000	57,627,000	52,144,000
April.....	74,308,000	71,458,000	77,654,000	41,036,000	22,764,000	27,116,000	29,440,000	34,387,000	51,546,000	48,972,000
May.....	65,776,000	66,583,000	75,027,000	37,936,000	20,980,000	23,982,000	26,046,000	32,464,000	47,313,000	43,249,000
June.....	52,229,000	59,394,000	70,159,000	29,522,000	17,493,000	22,453,000	20,206,000	26,423,000	43,209,000	34,888,000
July.....	44,561,000	54,657,000	62,316,000	24,262,000	13,590,000	20,174,000	15,301,000	23,619,000	34,413,000	28,219,000
August.....	39,229,000	57,144,000	59,349,000	23,992,000	16,768,000	18,463,000	12,185,000	22,190,000	33,141,000	34,652,000
September.....	33,438,000	66,949,000	56,891,000	36,280,000	19,124,000	17,640,000	14,385,000	29,270,000	30,573,000	42,965,000
October.....	40,768,000	71,413,000	60,528,000	47,901,000	26,862,000	16,800,000	17,853,000	31,510,000	30,598,000	51,220,000
November.....	50,486,000	78,190,000	69,327,000	61,694,000	36,232,000	21,235,000	25,712,000	33,477,000	33,931,000	56,154,000
December.....	61,901,000	85,150,000	78,091,000	72,580,000	43,265,000	24,528,000	31,471,000	36,082,000	40,261,000	59,572,000

## VISIBLE SUPPLY OF CORN.

Stocks of Corn, in granary, at principal points of accumulation, at lake and seaboard ports, and in transit by water, the first of each month, for ten years:

MONTHS.	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886
January.....	9,630,000	8,322,000	11,454,000	7,081,000	2,568,000	8,097,000	8,498,000	6,230,000	13,783,000	7,950,000
February.....	12,654,000	14,406,000	12,534,000	7,386,000	2,610,000	11,919,000	13,377,000	7,348,000	16,252,000	7,199,000
March.....	12,969,000	18,172,000	15,093,000	10,385,000	2,767,000	14,445,000	15,833,000	9,056,000	16,134,000	11,404,000
April.....	13,407,000	18,538,000	15,315,000	11,508,000	2,988,000	20,204,000	16,839,000	9,188,000	18,405,000	16,093,000
May.....	11,107,000	13,114,000	11,539,000	5,956,000	3,125,000	14,335,000	12,323,000	8,482,000	18,650,000	11,799,000
June.....	10,763,000	7,495,000	5,627,000	3,724,000	5,156,000	12,685,000	11,608,000	9,210,000	13,074,000	8,068,000
July.....	9,060,000	6,411,000	8,075,000	7,844,000	3,850,000	14,822,000	9,489,000	11,315,000	10,180,000	9,132,000
August.....	5,207,000	3,973,000	8,020,000	7,004,000	3,874,000	12,049,000	7,153,000	8,374,000	7,543,000	9,247,000
September.....	5,407,000	3,151,000	5,546,000	8,471,000	5,611,000	9,284,000	11,756,000	8,496,000	6,353,000	11,769,000
October.....	5,451,000	4,305,000	8,071,000	10,945,000	8,887,000	8,640,000	12,933,000	10,175,000	7,085,000	13,395,000
November.....	4,805,000	2,759,000	9,174,000	13,230,000	2,972,000	7,017,000	7,792,000	11,164,000	8,282,000	13,097,000
December.....	5,517,000	4,806,000	7,104,000	10,720,000	2,626,000	3,144,000	6,204,000	7,056,000	5,372,000	11,123,000

## STOCKS OF GRAIN AND FLOUR.

Stocks of Grain, in elevators, representing bushels, at Cincinnati, at the close of each week, in two years:

1896	WHEAT	CORN	OATS	RYE	BARLEY	1894	WHEAT	CORN	OATS	RYE	BARLEY
January 5..	19,193	31,414	173,972	9,177	192,310	January 6..	7,444	11,776	20,983	35,358	182,777
12..	19,145	32,401	171,757	9,177	189,232	13..	7,444	15,741	10,966	34,631	157,102
19..	17,242	32,853	165,205	9,177	166,025	20..	6,946	12,690	10,281	35,171	151,096
26..	17,288	31,943	168,668	9,177	145,660	27..	6,946	24,017	17,007	35,171	139,732
February 2..	24,016	31,943	167,968	9,177	134,029	February 3..	6,945	23,941	25,947	32,889	107,292
9..	23,457	29,769	165,516	7,668	117,187	10..	6,845	27,132	24,712	33,437	102,063
16..	21,260	29,471	165,011	6,022	108,942	17..	6,945	27,222	28,298	34,275	93,161
23..	21,939	24,471	167,883	5,898	90,325	24..	6,945	23,520	18,316	33,645	78,519
March 2..	21,607	29,967	166,900	9,619	67,721	March 3..	6,945	23,976	21,407	34,778	78,519
9..	24,587	32,087	154,560	12,482	66,436	10..	9,278	25,600	18,283	23,717	70,055
16..	17,027	33,017	135,303	11,946	64,070	17..	10,064	27,734	13,748	23,214	53,357
23..	14,491	34,161	124,927	10,135	51,676	24..	12,599	24,972	4,418	18,291	48,521
30..	13,941	30,527	123,761	9,329	23,628	31..	12,599	15,900	...	13,723	40,183
April 6..	13,992	25,451	122,103	7,807	16,274	April 7..	9,870	14,856	18,578	13,758	25,812
13..	12,808	21,762	121,582	6,065	13,987	14..	9,194	8,405	20,961	12,151	9,957
20..	8,122	14,809	118,669	5,965	10,053	21..	9,104	7,799	5,403	10,918	9,957
27..	7,970	14,399	115,989	5,965	4,976	28..	8,529	9,134	5,129	10,855	1,759
May 4..	6,982	13,826	113,950	11,629	2,973	May 5..	6,794	9,965	1,000	1,596	1,759
11..	5,853	11,672	107,106	17,779	...	12..	6,717	8,922	...	486	1,759
18..	7,192	12,556	97,556	19,179	...	19..	2,615	10,550	...	486	1,759
25..	11,325	11,335	89,386	14,229	...	26..	1,885	10,227	13,620	...	1,759
June 1..	12,727	23,217	84,628	6,696	...	June 2..	775	10,237	21,731	...	1,759
8..	12,337	34,785	74,335	6,696	...	9..	287	6,428	18,329	...	1,759
15..	10,265	40,632	66,746	6,696	...	16..	100	2,402	20,033	1,846	1,759
22..	15,611	48,540	71,146	6,696	...	23..	100	...	38,496	1,846	1,759
29..	16,382	35,917	78,302	7,709	...	30..	1,072	...	30,186	922	1,759
July 6..	16,382	35,819	77,359	7,709	...	July 7..	1,072	...	18,609	1,348	1,759
13..	16,482	30,567	82,549	7,709	...	14..	1,072	...	7,327	...	1,759
20..	16,534	30,743	17,039	7,709	...	21..	1,072	...	...	...	1,759
27..	28,390	36,063	6,732	7,709	...	28..	1,072	537	...	...	1,759
August 3..	32,521	42,478	5,489	7,709	...	August 4..	1,072	...	8,909	5,490	1,759
10..	35,105	37,003	5,105	7,709	...	11..	13,757	2,719	47,803	11,632	2,340
17..	41,424	36,721	6,110	14,115	...	18..	22,694	31,196	91,123	15,723	2,340
24..	40,460	41,321	5,310	13,039	...	25..	24,216	34,256	138,536	28,753	1,759
September 1..	43,361	40,327	5,659	22,248	...	September 1..	24,252	30,312	172,654	20,546	2,802
7..	42,184	32,443	5,690	29,757	...	8..	24,166	28,087	188,289	16,088	3,008
14..	42,958	31,988	3,774	34,225	...	15..	24,124	28,670	182,154	13,924	2,734
21..	43,391	31,317	4,649	34,233	2,178	22..	23,783	24,564	174,018	11,759	20,206
28..	43,683	26,641	6,273	35,721	16,977	29..	23,664	20,611	158,092	11,970	53,890
October 5..	42,896	26,112	15,873	35,715	42,422	October 6..	22,851	16,791	201,172	9,337	102,023
12..	42,896	23,226	35,851	35,715	55,855	13..	22,408	16,221	202,400	9,402	157,710
19..	45,456	17,040	36,746	36,318	94,346	20..	20,997	14,116	197,244	9,431	175,368
26..	45,160	14,839	40,826	41,296	121,490	27..	19,661	14,116	198,183	9,441	171,457
November 3..	43,155	11,888	51,324	45,698	125,231	November 3..	19,716	13,816	196,390	8,896	164,058
9..	45,875	5,442	43,466	49,994	127,660	10..	19,780	13,878	195,858	8,928	179,794
16..	45,386	4,081	44,240	49,778	106,784	17..	19,786	13,978	189,601	8,741	173,445
23..	42,977	4,647	41,479	39,961	99,433	24..	19,716	17,125	188,396	9,213	162,533
30..	45,878	4,421	34,186	39,341	98,009	December 1..	19,716	19,398	190,621	9,957	151,540
December 7..	40,722	2,809	31,463	36,917	95,490	8..	19,716	20,758	189,123	7,142	138,353
14..	41,578	2,546	26,531	37,348	84,704	15..	18,645	24,305	182,380	10,424	199,875
21..	41,568	3,536	22,860	40,150	122,512	22..	18,645	27,706	179,663	10,359	190,168
28..	40,948	4,010	21,705	35,821	116,184	29..	18,695	29,314	174,248	9,666	207,810

NOTE.—Large quantities of Grain at times are stored in private warehouses, not shown in returns of elevators. Such supplies frequently exceed quantities in the regular elevators.

## Stocks of Flour, at Cincinnati, on June 1, in years indicated:

YEARS.	WHEAT.	RYE.	TOTAL.	YEARS.	WHEAT.	RYE.	TOTAL.
1884.....	36,280	1,155	37,435	1890.....	48,470	1,315	49,785
1885.....	47,819	1,422	49,241	1891.....	40,044	992	41,036
1886.....	41,802	1,215	43,017	1892.....	35,835	1,239	37,074
1887.....	40,827	1,347	42,174	1893.....	43,786	1,506	45,292
1888.....	41,861	1,396	43,257	1894.....	47,888	1,385	49,273
1889.....	37,466	1,209	38,675	1895.....	35,627	2,555	38,182

NOTE.—Stocks, January 1, 1894: Wheat Flour, 48,876 barrels; Rye Flour, 1,121 barrels. January 1, 1895: Wheat Flour, 50,483 barrels; Rye Flour, 2,386 barrels. January 1, 1896: Wheat Flour, 45,255 barrels; Rye Flour, 1,914 barrels.

## PRICES OF FLOUR.

Quotations for Winter Family, Extra and Low grades and Spring Family Flour, at Cincinnati, on Tuesday of each week, in two years:

DATES.	WINTER FAMILY.		EXTRA.		LOW GRADES.		SPRING FAMILY.	
	1895	1894	1895	1894	1895	1894	1895	1894
January 1....	\$2 00@2 10	\$2 00@2 10	\$1 85@1 95	\$1 85@1 95	\$1 70@1 80	\$1 60@1 80	\$2 40@2 60	\$2 30@2 60
8....	2 00@2 10	2 05@2 15	1 85@1 95	1 90@2 00	1 70@1 80	1 65@1 85	2 40@2 60	2 30@2 60
15....	2 00@2 10	2 05@2 15	1 85@1 95	1 90@2 00	1 70@1 80	1 65@1 85	2 40@2 60	2 30@2 60
22....	2 05@2 15	2 05@2 15	1 85@1 95	1 90@2 00	1 70@1 80	1 65@1 85	2 45@2 60	2 25@2 50
February 29....	2 05@2 15	2 05@2 15	1 85@1 95	1 90@2 00	1 70@1 80	1 65@1 85	2 45@2 60	2 25@2 50
5....	2 05@2 15	2 05@2 15	1 85@1 95	1 90@2 00	1 70@1 80	1 65@1 85	2 45@2 60	2 25@2 50
12....	2 05@2 15	2 05@2 15	1 85@1 95	1 90@2 00	1 70@1 80	1 65@1 85	2 45@2 60	2 25@2 50
19....	2 05@2 15	2 05@2 15	1 85@1 95	1 90@2 00	1 70@1 80	1 65@1 85	2 45@2 60	2 25@2 50
March 26....	2 05@2 15	2 05@2 15	1 85@1 95	1 90@2 00	1 70@1 80	1 65@1 85	2 45@2 60	2 25@2 50
5....	2 05@2 15	2 05@2 15	1 85@1 95	1 90@2 00	1 70@1 80	1 65@1 85	2 45@2 60	2 25@2 50
12....	2 10@2 20	2 05@2 15	1 90@2 05	1 90@2 00	1 70@1 80	1 65@1 85	2 45@2 60	2 25@2 50
19....	2 15@2 25	2 05@2 15	1 95@2 10	1 90@2 00	1 75@1 85	1 65@1 85	2 50@2 70	2 25@2 50
April 26....	2 20@2 30	2 05@2 15	1 95@2 10	1 90@2 00	1 75@1 85	1 65@1 85	2 50@2 70	2 25@2 50
2....	2 15@2 30	2 05@2 20	1 95@2 10	1 90@2 00	1 75@1 85	1 65@1 85	2 50@2 70	2 25@2 50
9....	2 15@2 35	2 15@2 25	1 95@2 10	2 00@2 10	1 75@1 85	1 75@1 95	2 50@2 70	2 35@2 60
16....	2 25@2 40	2 15@2 25	1 95@2 10	2 00@2 10	1 75@1 85	1 75@1 95	2 50@2 70	2 35@2 60
May 23....	2 40@2 60	2 15@2 25	2 20@2 40	1 95@2 00	1 85@2 10	1 75@1 85	2 60@2 80	2 35@2 60
30....	2 50@2 70	2 00@2 10	2 30@2 50	1 75@1 90	2 10@2 25	1 60@1 75	2 60@2 80	2 35@2 60
June 7....	2 55@2 70	2 00@2 10	2 35@2 50	1 75@1 90	2 15@2 30	1 60@1 75	2 60@2 80	2 35@2 60
14....	2 55@2 75	2 00@2 10	2 35@2 50	1 75@1 90	2 15@2 30	1 60@1 75	2 60@2 80	2 35@2 60
21....	2 90@3 25	2 00@2 10	2 65@2 85	1 75@1 90	2 50@2 60	1 60@1 70	3 00@3 15	2 55@2 60
June 28....	3 50@3 75	2 00@2 10	3 15@3 40	1 75@1 90	2 60@2 85	1 60@1 70	3 40@3 70	2 55@2 60
July 4....	3 50@3 75	2 00@2 10	3 15@3 40	1 75@1 90	2 60@2 85	1 60@1 70	3 40@3 70	2 55@2 60
11....	3 55@3 80	2 10@2 20	3 25@3 45	1 80@2 00	2 65@2 90	1 60@1 75	3 40@3 70	2 55@2 60
18....	3 55@3 80	2 15@2 25	3 25@3 55	1 80@2 00	2 65@2 90	1 60@1 75	3 40@3 70	2 55@2 60
July 25....	3 40@3 60	2 15@2 25	3 00@3 25	1 85@2 00	2 50@2 65	1 70@1 80	3 25@3 50	2 45@2 60
August 2....	3 35@3 55	2 15@2 25	3 00@3 25	1 85@2 00	2 50@2 65	1 70@1 80	3 25@3 50	2 45@2 60
9....	3 30@3 50	2 15@2 25	3 00@3 25	1 85@2 00	2 50@2 65	1 70@1 80	3 25@3 50	2 45@2 60
16....	3 05@3 20	2 05@2 10	2 80@3 00	1 85@2 00	2 30@2 45	1 70@1 80	2 90@3 15	2 40@2 55
23....	3 00@3 15	2 05@2 15	2 75@2 95	1 85@2 00	2 25@2 40	1 70@1 80	2 85@3 10	2 40@2 55
August 30....	3 00@3 20	2 00@2 10	2 75@2 95	1 85@1 95	2 25@2 40	1 70@1 80	2 85@3 10	2 40@2 55
6....	2 90@3 05	2 00@2 10	2 60@2 80	1 85@1 95	2 20@2 35	1 70@1 80	2 90@3 15	2 30@2 45
13....	2 90@3 05	2 00@2 10	2 60@2 80	1 85@1 95	2 20@2 35	1 70@1 80	2 90@3 15	2 30@2 45
20....	2 95@3 10	2 00@2 10	2 50@2 75	1 85@1 95	2 30@2 40	1 70@1 80	2 90@3 15	2 30@2 45
September 27....	2 90@3 00	2 00@2 10	2 45@2 70	1 85@1 95	2 20@2 30	1 70@1 80	2 70@3 00	2 30@2 45
3....	2 70@2 90	2 00@2 10	2 30@2 60	1 85@1 95	2 05@2 25	1 70@1 80	2 70@3 00	2 30@2 45
10....	2 60@2 80	2 00@2 10	2 25@2 50	1 85@1 95	2 00@2 20	1 70@1 80	2 65@2 90	2 30@2 45
17....	2 45@2 70	2 05@2 15	2 20@2 40	1 85@1 95	1 95@2 15	1 70@1 80	2 55@2 75	2 30@2 45
October 24....	2 45@2 70	2 05@2 15	2 20@2 40	1 85@1 95	1 95@2 15	1 70@1 80	2 55@2 75	2 30@2 45
1....	2 50@2 75	2 05@2 15	2 25@2 45	1 85@1 95	2 00@2 20	1 70@1 80	2 55@2 75	2 30@2 45
8....	2 50@2 75	2 05@2 15	2 25@2 45	1 85@1 95	2 00@2 20	1 70@1 80	2 55@2 75	2 30@2 45
15....	2 50@2 75	2 05@2 15	2 25@2 45	1 85@1 95	2 00@2 20	1 70@1 80	2 55@2 75	2 30@2 45
22....	2 60@2 85	2 05@2 15	2 25@2 45	1 85@1 95	2 00@2 20	1 70@1 80	2 55@2 75	2 30@2 45
November 29....	2 60@2 90	2 00@2 10	2 35@2 50	1 85@1 95	2 00@2 20	1 70@1 80	2 55@2 75	2 30@2 45
5....	2 60@2 90	2 00@2 10	2 35@2 50	1 85@1 95	2 00@2 20	1 70@1 80	2 55@2 75	2 30@2 45
12....	2 55@2 80	2 10@2 15	2 25@2 40	1 85@1 95	2 00@2 20	1 70@1 80	2 55@2 75	2 30@2 45
19....	2 55@2 80	2 10@2 15	2 25@2 40	1 90@2 00	2 00@2 20	1 75@1 85	2 55@2 75	2 40@2 50
December 26....	2 55@2 80	2 10@2 15	2 25@2 40	1 90@2 00	2 00@2 20	1 75@1 85	2 55@2 75	2 40@2 50
3....	2 55@2 80	2 10@2 15	2 25@2 40	1 90@2 00	2 00@2 20	1 75@1 85	2 55@2 75	2 40@2 50
10....	2 60@2 85	2 10@2 15	2 30@2 45	1 90@2 00	2 05@2 25	1 75@1 85	2 55@2 75	2 40@2 50
17....	2 60@2 85	2 10@2 15	2 30@2 45	1 90@2 00	2 05@2 25	1 75@1 85	2 55@2 75	2 40@2 50
24....	2 55@2 80	2 05@2 15	2 25@2 40	1 85@1 95	2 00@2 20	1 70@1 80	2 50@2 70	2 40@2 50
31....	2 55@2 80	2 00@2 10	2 25@2 40	1 85@1 95	2 00@2 20	1 70@1 80	2 50@2 70	2 40@2 50

Monthly movement of Flour, representing barrels, at Cincinnati, in 1895:

MONTHS.	Receipts.	Shipm'ts.	MONTHS.	Receipts.	Shipm'ts.	MONTHS.	Receipts.	Shipm'ts.
January.....	138,218	100,984	May.....	177,381	151,229	September.....	95,051	71,475
February.....	120,234	92,751	June.....	155,366	119,199	October.....	216,096	168,353
March.....	137,152	106,184	July.....	75,310	47,130	November.....	182,583	147,961
April.....	206,268	171,474	August.....	100,367	69,036	December.....	288,489	250,090

## YEARLY PRICES OF FLOUR.

Average yearly prices of Family, Extra and Low grades of Winter Wheat Flour, and Family grade of Spring Wheat Flour, also lowest and highest range of prices yearly of Winter Family grade, per barrel, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	AVERAGE ANNUAL PRICES.				WINTER FAMILY.	
	Winter Family.	Winter Extra.	Winter Low Grades.	Spring Family.	Lowest.	Highest.
1873-74.....	\$6 60	\$6 25	\$5 06	....	\$5 15@5 30	\$7 25@7 50
1874-75.....	5 43	5 18	4 42	....	4 85@5 00	7 50@7 85
1875-76.....	5 52	4 65	3 90	\$5 63	4 75@5 25	6 40@6 85
1876-77.....	6 95	6 39	5 47	6 96	5 00@5 25	9 45@9 65
1877-78.....	5 39	4 86	3 91	5 45	4 40@4 75	6 25@6 40
1878-79.....	4 60	4 07	3 30	4 69	4 00@4 25	5 25@5 50
1879-80.....	5 52	4 85	4 11	5 77	4 40@4 85	6 25@6 50
1880-81.....	5 16	4 51	3 80	5 41	4 25@4 65	6 85@7 10
1881-82.....	6 18	5 56	4 82	6 95	4 50@5 25	7 25@7 40
1882-83.....	4 76	4 06	3 46	5 56	4 10@4 40	5 15@5 40
1883-84.....	4 64	3 58	3 09	5 14	3 60@4 00	4 85@5 15
1884-85.....	3 88	3 23	2 90	4 26	3 00@3 50	4 50@4 90
1885-86.....	4 05	3 33	2 89	4 10	3 25@3 60	4 50@4 75
1886-87.....	3 46	2 97	2 65	3 70	3 00@3 30	3 75@4 00
1887-88.....	3 52	3 03	2 69	3 88	3 00@3 30	3 85@4 15
1888-89.....	4 03	3 45	2 99	4 49	3 15@3 40	4 90@5 25
1889-90.....	3 29	2 79	2 34	3 84	2 80@3 00	4 00@4 35
1890-91.....	4 04	3 64	3 06	4 60	3 50@3 75	4 50@4 65
1891-92.....	3 65	3 20	2 70	4 20	2 50@2 85	4 00@4 15
1892.....	3 10	2 70	2 25	3 70	2 25@2 60	3 75@3 85
1893.....	2 30	2 00	1 75	2 95	2 00@2 10	2 40@2 60
1894.....	2 10	1 92	1 75	2 47	2 00@2 10	2 15@2 25
1895.....	2 72	2 43	2 12	2 79	2 00@2 55	2 05@3 80

NOTE.—Quotations under heading of Low Grades were for Winter Superfine prior to 1889-90.

## MONTHLY PRICES OF MILL FEED.

Range of monthly prices of Bran, Coarse Middlings, Fine Middlings and Shipstuf, per ton, at Cincinnati, during the year 1895:

MONTHS.	BRAN.	COARSE MIDDINGS.	FINE MIDDINGS.	SHIPSTUFF.
January.....	\$12 75@13 25	\$13 00@14 00	\$13 50@14 50	\$12 75@13 25
February.....	13 25@15 00	13 50@15 75	14 00@16 00	13 25@15 00
March.....	15 00@15 50	15 50@17 75	15 75@16 00	15 00@15 50
April.....	15 00@15 50	15 00@16 25	15 25@16 50	15 00@15 50
May.....	13 00@14 25	14 50@15 25	14 75@15 50	13 00@14 25
June.....	13 00@14 00	14 25@15 00	14 50@15 25	13 00@14 00
July.....	13 25@14 25	14 25@15 50	14 50@16 00	13 25@14 25
August.....	13 50@14 50	15 00@16 25	15 25@17 00	13 50@14 50
September.....	12 25@14 00	13 50@16 00	14 00@16 75	12 25@14 00
October.....	12 00@12 50	13 00@13 50	13 50@14 00	12 00@12 50
November.....	11 00@12 50	11 00@13 50	11 25@14 00	11 00@12 50
December.....	10 00@11 00	10 50@11 25	11 00@11 50	10 00@11 00

## PRICES OF BRAN AND MIDDINGS.

Quotations for Bran and for Middlings (fine), per ton, at Cincinnati, on Tuesday of each week, in three years:

BRAN.				MIDDINGS.			
DATES.	1895	1894	1893	DATES.	1895	1894	1893
January 1..	\$12 75	\$13 75@14 00	\$12 75@13 00	January 1..	\$13 50@14 00	\$14 50@15 00	\$15 50@16 00
8..	12 75@13 00	13 75@14 00	13 00	8..	13 50@14 00	14 50@15 00	15 50@16 00
15..	13 00	13 50@13 75	14 00	15..	14 00@14 50	14 50@15 00	15 50@16 00
22..	12 75@13 00	13 00@13 50	14 50	22..	14 00@14 50	14 50@14 75	15 50@16 00
29..	13 00	13 00@13 50	14 75@15 25	29..	14 00@14 50	14 50@14 75	15 50@16 00
February 5..	14 00	13 50@13 75	15 00@15 50	5..	14 50@15 00	14 50@14 75	15 50@16 00
12..	14 00	13 50@13 75	15 00@15 50	12..	14 50@15 00	14 50@14 75	15 50@16 00
19..	14 25@14 50	14 00	15 00@15 50	19..	15 25@15 50	14 50@14 75	15 50@16 00
26..	15 00	14 00	15 00@15 50	26..	15 75@16 50	14 50@14 75	15 50@16 00
March 5..	15 25	14 50	15 00@15 25	5..	15 75@16 00	14 50@15 00	15 50@16 00
12..	15 50	15 50	15 00@15 25	12..	15 75@16 00	14 50@15 00	15 50@16 00
19..	15 50	13 50@14 00	15 00@15 25	19..	15 75@16 00	14 00@14 50	16 00@16 50
26..	15 50	13 50@13 75	15 00@15 25	26..	15 75@16 00	14 00@14 50	16 00@16 50
April 2..	15 50	13 50	14 00@14 25	2..	15 75@16 00	14 00@14 50	15 00@15 50
9..	15 50	13 25	14 00@14 25	9..	15 75@16 00	14 00@14 50	15 00@15 50
16..	15 25	13 00	14 00@14 25	16..	15 75@16 00	13 25@13 50	15 00@15 50
23..	15 00	13 00@13 25	13 25@13 50	23..	16 25@16 50	13 25@13 50	14 50@15 00
30..	14 00@14 25	13 00	12 50@13 00	30..	15 25@15 50	12 50@13 00	14 50@15 00
May 7..	13 50	12 00@12 50	12 75@13 00	7..	13 25@13 50	12 00@12 50	14 00@14 50
14..	13 00	12 00	12 75@13 00	14..	15 25@15 50	12 00@12 50	14 00@14 50
21..	13 00	12 00	12 75@13 00	21..	15 00@15 25	12 00@12 50	14 00@14 50
28..	13 00	12 00	12 75@13 00	28..	14 50@14 75	12 00@12 50	14 00@14 50
June 4..	13 00	12 00	12 50	4..	14 50@14 75	12 00@12 50	13 50@14 00
11..	13 00	12 00@12 25	12 00@12 25	11..	14 50@14 75	12 00@12 50	13 50@14 00
18..	14 00	13 00@13 50	11 75@12 00	18..	15 00@15 25	13 25@13 50	13 00@13 50
25..	14 00	13 25@13 50	11 75@12 00	25..	15 00@15 25	13 25@13 50	13 00@13 50
July 2..	13 50	13 00@13 50	11 75@12 00	2..	14 75@15 00	13 25@13 50	13 00@13 50
9..	13 50	13 00@13 50	11 25@11 50	9..	14 75@15 00	13 25@13 50	12 75@13 25
16..	13 25	12 75@13 00	11 00@11 50	16..	14 50@14 75	13 25@13 50	12 75@13 25
23..	13 25	12 00@12 50	11 00@11 50	23..	14 50@14 75	13 25@13 50	12 75@13 25
30..	14 25	12 50@12 75	12 50	30..	15 50@16 00	13 50@14 00	12 75@13 25
August 6..	13 50@14 00	12 50@12 75	12 50	6..	15 25@15 75	13 50@14 00	13 00@13 50
13..	13 50@14 00	13 00@13 50	13 00	13..	16 50@17 00	14 00@14 50	13 50@14 00
20..	14 00@14 50	13 00@13 50	13 00	20..	16 50@17 00	14 00@14 50	13 50@14 00
27..	14 00@14 25	13 50@14 00	14 00	27..	16 25@16 75	15 00@15 50	14 50@15 00
September 3..	13 50@14 00	13 50@14 00	14 00@14 25	3..	16 25@16 75	15 00@15 50	15 00
10..	13 00	13 50@14 00	14 50@14 75	10..	16 00@16 50	14 50@15 00	14 50@15 00
17..	12 75@13 00	14 00@14 25	13 50@14 00	17..	15 75@16 00	15 50@16 00	15 50@16 00
24..	12 25@12 50	13 25@13 75	13 00	24..	14 50@15 00	15 00@15 50	15 50@16 00
October 1..	12 25	13 00@13 25	13 00	1..	14 00@14 50	14 50@15 00	15 50@16 00
8..	12 00@12 25	12 90@13 00	13 00@13 50	8..	14 00@14 50	14 00@14 50	15 00@15 50
15..	12 00@12 50	13 00	13 00@13 50	15..	13 75@14 00	15 50@16 00	15 00@15 50
22..	12 50	12 25@12 50	13 00@13 50	22..	13 75@14 00	14 50@15 00	15 00@15 50
29..	12 50	12 25@12 50	12 50	29..	13 50@14 00	14 50@15 00	15 00@15 50
November 5..	12 00@12 25	12 25@12 50	12 25	5..	13 50@14 00	14 50@15 00	15 00@15 50
12..	11 50@12 00	12 75@13 00	12 00@12 25	12..	12 25@12 50	15 00@15 50	14 00@14 50
19..	11 25@11 50	13 00@13 50	12 50@13 00	19..	11 75@12 00	14 50@15 00	14 00@14 50
26..	11 25	13 00@13 50	12 50@12 75	26..	11 75@12 00	14 50@15 00	14 00@14 50
December 3..	10 50@11 00	12 75@13 00	13 00@13 25	3..	11 25@11 50	14 50@15 00	14 50@15 00
10..	10 50@11 00	12 75	13 00@13 25	10..	11 25@11 50	14 00@14 50	14 50@15 00
17..	10 50@11 00	12 50@12 75	13 25@13 50	17..	11 00	14 00@14 50	14 50@15 00
24..	10 00@10 75	12 75	13 75@14 00	24..	11 00	15 50@16 00	14 50@15 00
31..	10 25	12 75	13 75@14 00	31..	11 00	13 50@14 00	14 50@15 00

## EXPORTS OF FLOUR.

Yearly exports of Flour from the United States, representing barrels:

1883-84.....	9,152,000	1886-87.....	11,518,000	1889-90.....	12,232,000	1892-93.....	16,620,000
1884-85.....	10,618,000	1887-88.....	11,963,000	1890-91.....	11,344,000	1893-94.....	16,860,000
1885-86.....	8,179,000	1888-89.....	9,375,000	1891-92.....	15,197,000	1894-95.....	15,299,000



## UNITED STATES CEREAL PRODUCTION.

Department of Agriculture estimates of yearly production of Cereal Crops, and aggregates, representing bushels, for years indicated :

YEARS.	WHEAT.	CORN.	OATS.	RYE.	BARLEY.	BUCKWHEAT.	TOTAL.
1873.....	281,255,000	982,274,000	270,340,000	15,142,000	32,044,000	7,888,000	1,538,893,000
1874.....	309,103,000	850,148,000	240,369,000	14,991,000	32,552,000	8,017,000	1,454,180,000
1875.....	292,136,000	1,321,069,000	354,317,000	17,722,000	36,909,000	10,082,000	2,032,235,000
1876.....	289,356,000	1,283,827,000	320,884,000	20,375,000	38,711,000	9,669,000	1,962,822,000
1877.....	361,194,000	1,342,558,000	406,394,000	21,170,000	34,441,000	10,177,000	2,178,934,000
1878.....	420,122,000	1,388,219,000	413,578,000	25,843,000	42,246,000	12,247,000	2,902,255,000
1879.....	448,757,000	1,547,902,000	363,761,000	23,639,000	40,288,000	13,140,000	2,437,482,000
1880.....	498,550,000	1,717,435,000	417,885,000	24,541,000	45,165,000	14,618,000	2,718,194,000
1881.....	383,290,000	1,194,916,000	416,481,000	20,705,000	41,161,000	9,486,000	2,066,029,000
1882.....	504,185,000	1,617,025,000	488,251,000	29,960,000	48,954,000	11,019,000	2,699,394,000
1883.....	420,155,000	1,551,067,000	571,302,000	28,059,000	50,136,000	7,669,000	2,628,388,000
1884.....	512,764,000	1,795,528,000	583,628,000	28,640,000	61,203,000	11,116,000	2,992,879,000
1885.....	357,112,000	1,936,176,000	629,409,000	21,756,000	58,360,000	12,026,000	3,015,439,000
1886.....	457,218,000	1,665,441,000	624,134,000	24,489,000	59,428,000	11,869,000	2,842,579,000
1887.....	456,329,000	1,456,161,000	659,618,000	20,693,000	56,812,000	10,884,000	2,660,497,000
1888.....	415,868,000	1,987,790,000	701,735,000	28,415,000	63,884,000	12,050,000	3,209,742,000
1889.....	490,560,000	2,112,802,000	751,515,000	30,000,000	78,000,000	12,000,000	3,475,000,000
1890.....	399,262,000	1,489,970,000	523,621,000	28,000,000	68,000,000	11,000,000	2,520,000,000
1891.....	611,780,000	2,060,154,000	738,394,000	33,000,000	80,000,000	12,000,000	3,535,000,000
1892.....	515,949,000	1,628,464,000	661,035,000	30,000,000	72,000,000	11,000,000	2,918,000,000
1893.....	396,132,000	1,619,496,000	638,855,000	26,555,000	69,869,000	12,132,000	2,763,039,000
1894.....	460,267,000	1,212,770,000	662,087,000	26,727,000	61,400,000	12,668,000	2,435,869,000
1895.....	467,103,000	2,151,138,000	824,443,000	27,210,000	87,073,000	15,341,000	3,572,308,000

NOTE.—For Rye, Barley and Buckwheat, no official figures for 1888 to 1892, inclusive, and approximations are given for these.

Department of Agriculture estimates of acreage of Cereal Crops :

YEARS.	WHEAT.	CORN.	OATS.	RYE.	BARLEY.	BUCKWHEAT.	TOTAL.
1883.....	36,455,600	68,301,900	20,325,000	2,314,700	2,379,000	857,300	130,633,500
1884.....	39,475,900	69,683,800	21,300,900	2,343,900	2,608,800	879,400	136,292,700
1885.....	34,189,200	73,180,100	22,783,600	2,129,300	2,729,400	914,400	135,876,000
1886.....	36,806,200	75,694,200	23,668,500	2,129,900	2,652,900	917,900	141,859,600
1887.....	37,641,800	72,392,700	25,920,900	2,053,400	2,902,000	910,500	141,821,300
1888.....	37,336,100	75,672,700	26,998,300	2,364,800	2,996,400	912,600	146,280,900
1889.....	38,123,800	78,319,600	27,462,300	.....	.....	.....	.....
1890.....	36,067,154	71,970,763	26,431,369	.....	.....	.....	.....
1891.....	39,916,897	76,204,515	25,581,861	.....	.....	.....	.....
1892.....	38,554,430	70,626,658	27,063,835	.....	.....	.....	.....
1893.....	34,629,418	72,086,465	27,273,033	2,038,435	3,220,371	815,614	140,013,336
1894.....	34,882,436	662,582,000	27,023,553	1,944,780	3,170,602	789,232	130,392,603
1895.....	34,047,332	82,075,830	27,878,406	1,890,345	3,299,973	763,277	149,956,163

\* Area planted, 76,000,000 acres; about 14,000,000 acres in Kansas, Nebraska and Iowa not harvested.

Estimated farm value of Cereal Crops, basis of December prices :

YEARS.	WHEAT.	CORN.	OATS.	RYE.	BARLEY.	BUCKWHEAT.	TOTAL.
1883.....	\$383,649,300	\$658,051,500	\$187,040,200	\$16,300,500	\$29,420,400	\$6,804,000	\$1,280,765,900
1884.....	330,862,300	640,735,500	161,528,500	14,857,000	29,779,200	6,549,000	1,184,311,500
1885.....	275,320,400	635,674,600	179,631,800	12,594,800	32,867,700	7,057,400	1,143,146,700
1886.....	314,226,000	610,311,000	186,137,900	13,181,300	31,840,500	6,465,100	1,162,161,800
1887.....	310,612,900	646,106,800	200,699,800	11,283,100	29,464,400	6,122,800	1,204,289,300
1888.....	395,248,000	677,561,600	195,424,200	16,721,900	37,672,000	7,827,600	1,320,255,800
1889.....	342,491,700	597,918,800	171,781,000	.....	.....	.....	.....
1890.....	334,773,678	754,433,451	222,048,486	.....	.....	.....	.....
1891.....	513,472,711	876,439,228	232,312,267	.....	.....	.....	.....
1892.....	322,111,881	642,146,630	209,258,611	.....	.....	.....	.....
1893.....	213,171,381	591,825,627	187,576,092	13,612,222	28,729,386	7,074,450	1,041,789,158
1894.....	225,902,025	554,719,000	214,816,920	13,394,476	27,134,127	7,040,238	1,043,006,786
1895.....	217,938,998	567,509,106	163,655,068	11,964,826	29,312,413	6,936,325	1,017,316,736

## WHEAT CROPS OF THE UNITED STATES.

Department of Agriculture estimates of Wheat production, representing bushels, in 1895, with comparisons for previous years indicated, arranged for Winter and Spring Wheat crops:

STATES.	1895	1894	1893	1892	1891	1890	1889
Ohio.....	32,215,000	48,445,000	38,917,000	38,022,000	45,531,000	29,984,000	36,865,000
Michigan.....	15,238,000	20,282,000	19,921,000	23,854,000	30,205,000	20,271,000	23,709,000
Indiana.....	20,294,000	43,644,000	35,579,000	39,885,000	52,807,000	27,928,000	41,187,000
Illinois.....	19,061,000	33,312,000	15,507,000	28,370,000	35,025,000	18,161,000	38,014,000
Missouri.....	18,500,000	23,354,000	15,288,000	24,834,000	25,732,000	17,638,000	20,639,000
Kansas.....	22,919,000	35,315,000	23,252,000	70,831,000	54,866,000	28,195,000	30,912,000
Kentucky.....	9,501,000	11,006,000	10,584,000	11,635,000	13,181,000	9,152,000	10,811,000
Tennessee.....	5,767,000	5,898,000	7,443,000	8,540,000	11,626,000	7,873,000	9,085,000
New York.....	7,301,000	6,297,000	6,846,000	8,405,000	10,633,000	9,288,000	8,929,000
New Jersey.....	1,341,000	1,779,000	1,794,000	1,787,000	2,124,000	1,680,000	1,711,000
Pennsylvania.....	20,456,000	18,849,000	18,351,000	19,331,000	20,864,000	16,049,000	16,617,000
Delaware.....	1,069,000	1,332,000	1,462,000	1,231,000	1,250,000	919,000	1,100,000
Maryland.....	7,801,000	7,213,000	6,722,000	6,992,000	8,107,000	6,208,000	6,171,000
Virginia.....	6,506,000	6,995,000	8,681,000	7,591,000	7,651,000	5,614,000	6,804,000
North Carolina.....	4,748,000	3,476,000	5,028,000	5,090,000	4,975,000	3,156,000	4,492,000
South Carolina.....	859,000	808,000	927,000	938,000	992,000	750,000	1,191,000
Georgia.....	1,331,000	1,627,000	1,733,000	1,474,000	2,323,000	1,411,000	2,863,000
Alabama.....	373,000	417,000	393,000	306,000	2,251,000	1,319,000	2,502,000
Mississippi.....	37,000	41,000	27,000	25,000	483,000	286,000	494,000
Texas.....	2,082,000	6,893,000	4,533,000	5,475,000	6,435,000	3,575,000	6,189,000
Arkansas.....	1,452,000	1,416,000	1,370,000	1,337,000	2,236,000	1,575,000	1,794,000
West Virginia.....	4,304,000	4,817,000	4,578,000	4,302,000	3,423,000	2,326,000	3,144,000
California.....	40,098,000	30,377,000	34,832,000	39,157,000	36,595,000	29,121,000	43,781,000
Oregon.....	11,863,000	10,441,000	10,791,000	9,779,000	13,149,000	12,865,000	13,689,000
Oklahoma.....	2,593,000	2,315,000	.....	.....	.....	.....	.....
Winter.....	257,709,000	326,399,000	275,489,000	359,191,000	392,364,000	255,344,000	332,213,000
Minnesota.....	65,584,000	37,752,000	30,695,000	41,210,000	55,333,000	38,356,000	45,456,000
Wisconsin.....	8,616,000	9,366,000	8,664,000	8,814,000	13,043,000	13,096,000	16,937,000
Iowa.....	13,655,000	10,737,000	6,749,000	7,257,000	27,586,000	19,041,000	21,023,000
Nebraska.....	14,787,000	8,755,000	10,688,000	15,670,000	18,080,000	15,315,000	16,848,000
The Dakotas*.....	90,319,000	49,570,000	46,959,000	66,765,000	81,819,000	40,411,000	41,652,000
Colorado.....	2,808,000	2,144,000	1,817,000	2,504,000	2,037,000	1,777,000	1,851,000
Washington.....	7,196,000	9,108,000	9,884,000	9,005,000	12,216,000	8,071,000	6,856,000
Nevada.....	123,000	112,000	83,000	117,000	372,000	250,000	335,000
Idaho.....	1,222,000	1,567,000	1,515,000	1,693,000	1,811,000	1,370,000	1,449,000
Montana.....	1,065,000	1,112,000	934,000	898,000	1,856,000	1,488,000	1,589,000
New Mexico.....	809,000	692,000	665,000	515,000	1,073,000	1,105,000	1,096,000
Utah.....	2,444,000	2,360,000	1,458,000	1,775,000	2,393,000	2,279,000	1,880,000
Arizona.....	251,000	187,000	192,000	170,000	385,000	311,000	337,000
Wyoming.....	138,000	100,000	95,000	101,000	110,000	.....	.....
Maine.....	84,000	95,000	72,000	75,000	669,000	543,000	589,000
New Hampshire.....	48,000	46,000	35,000	38,000	148,000	140,000	144,000
Vermont.....	185,000	165,000	138,000	151,000	344,000	335,000	325,000
Massachusetts.....	.....	.....	.....	.....	.....	.....	.....
Connecticut.....	.....	.....	.....	.....	31,000	30,000	30,000
Spring.....	209,394,000	133,868,000	120,643,000	156,758,000	219,316,000	143,918,000	158,347,000
Total crops..	467,103,000	460,267,000	396,132,000	515,949,000	611,780,000	399,262,000	490,560,000
Total acres..	34,047,000	34,882,000	34,629,418	38,554,430	39,916,897	36,087,154	38,123,859
Value.....	\$237,939,000	\$225,902,000	\$213,171,381	\$322,111,881	\$513,472,711	\$334,773,678	\$342,491,707
Yield per acre..	13.7	13.2	11.4	13.4	15.3	11.1	12.9
Farm price.....	50.9	49.1	53.8	62.4	83.9	83.1	69.8

\* 1891: North Dakota, 52,105,000; South Dakota, 29,714,000. 1892: North Dakota, 34,998,000; South Dakota, 31,767,000. 1893: North Dakota, 26,438,000; South Dakota, 20,521,000. 1894: North Dakota, 33,636,000; South Dakota, 15,934,000. 1895: North Dakota, 61,058,000; South Dakota, 29,261,000.

NOTE.—The average price relates only to December valuation, on which the aggregate value is based. The Wheat crops for recent years have been underestimated officially as indicated by distribution, and are unofficially estimated as follows: 1890, 430,000,000; 1891, 675,000,000; 1892, 550,000,000; 1893, 475,000,000; 1894, 515,000,000 bushels.

## CORN CROPS OF THE UNITED STATES.

Department of Agriculture estimates of Corn production, representing bushels, in 1895, with comparisons for previous years indicated:

STATES.	1895	1894	1893	1892	1891	1890	1889
Maine.....	597,000	580,000	411,000	472,000	1,107,000	1,008,000	1,084,000
New Hampshire.....	1,080,000	877,000	795,000	957,000	1,333,000	1,259,000	1,311,000
Vermont.....	2,153,000	1,835,000	1,429,000	1,643,000	2,144,000	1,839,000	2,044,000
Massachusetts.....	1,847,000	1,396,000	1,355,000	1,550,000	2,138,000	1,868,000	1,997,000
Rhode Island.....	285,000	281,000	218,000	305,000	450,000	402,000	393,000
Connecticut.....	1,768,000	1,404,000	1,288,000	1,518,000	2,112,000	2,014,000	1,766,000
New York.....	18,014,000	13,854,000	15,256,000	17,414,000	22,060,000	17,101,000	20,475,000
New Jersey.....	9,233,000	8,991,000	7,179,000	9,124,000	12,343,000	11,185,000	10,792,000
Pennsylvania.....	43,513,000	40,749,000	31,199,000	39,682,000	46,527,000	38,043,000	41,225,000
Delaware.....	4,281,000	4,397,000	4,917,000	3,775,000	5,105,000	4,128,000	8,905,000
Maryland.....	16,531,000	14,268,000	15,078,000	12,965,000	18,881,000	16,333,000	15,105,000
Virginia.....	32,607,000	32,196,000	31,234,000	26,067,000	39,846,000	36,922,000	34,231,000
North Carolina.....	36,378,000	32,960,000	29,951,000	25,347,000	37,676,000	36,264,000	33,050,000
South Carolina.....	19,861,000	18,729,000	12,501,000	16,713,000	18,650,000	16,078,000	18,310,000
Georgia.....	42,172,000	35,144,000	33,678,000	32,992,000	37,829,000	31,306,000	33,730,000
Florida.....	6,187,000	5,214,000	4,909,000	4,422,000	4,570,000	5,206,000	5,206,000
Alabama.....	44,376,000	34,760,000	28,329,000	30,666,000	32,245,000	25,390,000	33,944,000
Mississippi.....	35,977,000	35,931,000	25,817,000	27,272,000	29,665,000	24,396,000	29,474,000
Louisiana.....	22,574,000	17,880,000	15,216,000	15,859,000	18,725,000	16,979,000	18,949,000
Texas.....	107,906,000	69,339,000	61,171,000	73,642,000	70,635,000	63,802,000	83,698,000
Arkansas.....	50,360,000	38,438,000	32,111,000	34,344,000	42,455,000	33,443,000	42,608,000
Tennessee.....	83,133,000	68,060,000	63,650,000	61,274,000	82,552,000	67,622,000	80,831,000
West Virginia.....	16,663,000	12,612,000	14,089,000	14,322,000	18,898,000	13,435,000	15,199,000
Kentucky.....	93,939,000	67,892,000	68,008,000	68,805,000	82,795,000	63,645,000	75,382,000
Ohio.....	92,783,000	61,974,000	64,487,000	83,853,000	94,092,000	65,876,000	88,953,000
Michigan.....	33,600,000	21,757,000	21,791,000	23,218,000	31,133,000	26,580,000	22,737,000
Indiana.....	121,436,000	96,888,000	85,369,000	103,334,000	123,622,000	89,025,000	106,656,000
Illinois.....	255,137,000	169,122,000	160,551,000	165,327,000	234,880,000	187,446,000	259,125,000
Wisconsin.....	33,091,000	16,292,000	28,956,000	27,347,000	29,718,000	33,061,000	28,415,000
Minnesota.....	35,957,000	18,933,000	25,104,000	24,192,000	21,586,000	21,266,000	21,263,000
Iowa.....	298,503,000	81,344,000	251,832,000	200,221,000	350,578,000	232,439,000	349,966,000
Missouri.....	238,072,000	116,012,000	158,198,000	152,489,000	203,210,000	175,345,000	218,841,000
Kansas.....	204,760,000	41,798,000	139,457,000	145,825,000	141,893,000	55,209,000	240,508,000
Nebraska.....	125,685,000	13,856,000	157,279,000	157,145,000	167,652,000	55,310,000	149,543,000
California.....	2,257,000	1,288,000	2,275,000	2,197,000	5,571,000	4,396,000	4,464,000
Oregon.....	354,000	234,000	324,000	288,000	260,000	173,000	157,000
Nevada.....	.....	.....	.....	.....	.....	.....	.....
Colorado.....	3,691,000	2,474,000	2,031,000	2,778,000	983,000	767,000	1,092,000
Arizona.....	133,000	85,000	82,000	81,000	.....	.....	.....
North Dakota.....	659,000	464,000	417,000	375,000	701,000	.....	.....
South Dakota.....	12,423,000	1,490,000	20,512,000	17,706,000	21,018,000	12,030,000	14,743,000
Idaho.....	51,000	45,000	32,000	26,000	.....	.....	.....
Montana.....	33,000	38,000	30,000	21,000	.....	.....	.....
New Mexico.....	733,000	452,000	636,000	585,000	1,051,000	1,126,000	1,126,000
Utah.....	181,000	209,000	184,000	158,000	675,000	739,000	644,000
Washington.....	93,000	110,000	179,000	185,000	.....	.....	.....
Wyoming.....	68,000	68,000	38,000	38,000	.....	.....	.....
Total crops.....	2,151,138,000	1,212,770,000	1,619,496,000	1,628,464,000	2,060,154,000	1,489,970,000	2,112,892,000
Total acres.....	82,076,000	62,582,000	72,036,465	70,626,658	76,204,515	71,970,763	78,319,651
Value.....	\$567,509,000	\$554,719,000	\$591,625,627	\$642,146,630	\$836,439,228	\$754,433,451	\$597,918,829
Yield per acre.....	26.2	19.3	22.5	23.1	27.0	20.7	27.0
Farm price.....	26.4	45.7	36.5	39.3	40.6	50.6	28.3

\* Previous to 1891, the South Dakota figures included North Dakota production.

NOTE.—The average price relates only to December valuation, on which the aggregate value is based.

## OATS CROPS OF THE UNITED STATES.

Department of Agriculture estimates of Oats production, representing bushels, in 1895, with comparisons for previous years indicated:

STATES.	1895	1894	1893	1892	1891	1890	1889
Maine.....	5,552,000	4,294,000	4,474,000	4,009,000	3,466,000	2,847,000	2,764,000
New Hampshire.....	1,094,000	895,000	985,000	960,000	1,098,000	982,000	954,000
Vermont.....	5,101,000	3,720,000	3,957,000	3,784,000	4,037,000	2,793,000	3,324,000
Massachusetts.....	550,000	497,000	524,000	460,000	768,000	598,000	646,000
Rhode Island.....	122,000	113,000	117,000	123,000	225,000	153,000	170,000
Connecticut.....	742,000	606,000	593,000	619,000	1,147,000	790,000	1,009,000
New York.....	45,666,000	30,321,000	30,209,000	38,729,000	41,894,000	23,913,000	36,009,000
New Jersey.....	3,819,000	3,086,000	2,623,000	3,066,000	3,884,000	2,449,000	3,408,000
Pennsylvania.....	36,536,000	26,227,000	30,601,000	29,664,000	39,704,000	21,972,000	34,504,000
Delaware.....	469,000	428,000	585,000	428,000	489,000	298,000	420,000
Maryland.....	2,320,000	2,016,000	1,939,000	1,829,000	2,127,000	1,837,000	2,203,000
Virginia.....	8,125,000	5,401,000	8,378,000	5,472,000	6,617,000	6,587,000	9,166,000
North Carolina.....	7,652,000	5,754,000	7,673,000	5,332,000	5,120,000	6,196,000	6,941,000
South Carolina.....	4,380,000	4,078,000	3,931,000	3,682,000	4,085,000	4,168,000	4,129,000
Georgia.....	6,679,000	7,527,000	7,948,000	6,090,000	7,238,000	5,455,000	6,874,000
Florida.....	406,000	544,000	602,000	469,000	598,000	573,000	568,000
Alabama.....	5,210,000	4,910,000	5,336,000	3,721,000	5,188,000	4,964,000	3,970,000
Mississippi.....	2,077,000	1,849,000	2,250,000	1,554,000	3,747,000	4,778,000	3,654,000
Louisiana.....	576,000	735,000	547,000	421,000	634,000	567,000	396,000
Texas.....	14,569,000	20,013,000	14,771,000	15,177,000	15,975,000	11,059,000	14,806,000
Arkansas.....	8,307,000	3,990,000	6,009,000	4,988,000	4,945,000	3,967,000	4,848,000
Tennessee.....	16,235,000	6,511,000	9,769,000	7,466,000	5,960,000	6,466,000	8,179,000
West Virginia.....	3,539,000	2,885,000	3,739,000	2,871,000	2,385,000	1,506,000	2,520,000
Kentucky.....	13,252,000	10,313,000	12,979,000	10,917,000	8,175,000	3,954,000	9,456,000
Ohio.....	31,405,000	29,143,000	27,236,000	26,364,000	28,523,000	20,004,000	36,615,000
Michigan.....	23,265,000	24,430,000	23,177,000	27,809,000	30,290,000	25,033,000	30,469,000
Indiana.....	25,896,000	35,809,000	32,092,000	29,175,000	21,034,000	17,800,000	27,317,000
Illinois.....	73,707,000	109,050,000	83,842,000	75,063,000	111,095,000	70,821,000	145,346,000
Wisconsin.....	63,020,000	57,870,000	46,680,000	50,572,000	49,348,000	38,919,000	52,697,000
Minnesota.....	77,995,000	50,860,000	41,562,000	43,573,000	52,015,000	38,402,000	53,128,000
Iowa.....	182,967,000	96,557,000	95,448,000	95,841,000	102,577,000	71,397,000	99,459,000
Missouri.....	30,548,000	25,441,000	29,034,000	24,063,000	27,568,000	24,579,000	36,384,000
Kansas.....	30,076,000	25,706,000	29,195,000	44,094,000	37,132,000	31,269,000	37,523,000
Nebraska.....	39,912,000	19,747,000	23,989,000	43,131,000	48,569,000	22,430,000	29,963,000
California.....	1,690,000	2,059,000	1,505,000	1,987,000	2,416,000	1,943,000	1,899,000
Oregon.....	7,241,000	6,435,000	6,625,000	6,484,000	7,341,000	6,658,000	5,432,000
Nevada.....	.....	.....	.....	.....	.....	.....	.....
Colorado.....	3,369,000	1,258,000	2,797,000	2,836,000	3,579,000	2,496,000	3,129,000
The Dakotas*.....	37,223,000	20,108,000	27,212,000	30,982,000	40,035,000	24,846,000	23,290,000
Idaho.....	1,102,000	1,067,000	734,000	714,000	1,326,000	1,093,000	1,000,000
Montana.....	2,446,000	2,686,000	2,277,000	1,910,000	3,648,000	2,797,000	2,578,000
New Mexico.....	394,000	345,000	327,000	225,000	359,000	392,000	340,000
Utah.....	926,000	878,000	790,000	735,000	1,298,000	1,059,000	916,000
Washington.....	3,672,000	3,198,000	3,444,000	3,184,000	6,744,000	3,497,000	3,062,000
Wyoming.....	581,000	507,000	400,000	438,000	.....	.....	.....
Total crops.....	824,443,000	662,037,000	638,855,000	661,035,000	738,394,000	523,621,000	751,515,000
Total acres.....	27,878,000	27,023,000	27,273,083	27,063,835	25,581,861	26,431,369	27,462,316
Value.....	\$163,655,000	\$214,817,000	\$187,576,092	\$209,253,611	\$232,312,267	\$222,048,486	\$171,781,008
Yield per acre.....	29.6	24.5	23.4	24.4	28.8	19.8	27.3
Farm price.....	19.9	32.4	29.4	31.6	31.4	42.4	22.9

\* 1891: North Dakota, 16,647,000; South Dakota, 23,388,000. 1892: North Dakota, 12,510,000; South Dakota, 18,472,000. 1893: North Dakota, 10,752,000; South Dakota, 16,460,000. 1894: North Dakota, 14,114,697; South Dakota, 5,992,972. 1895: North Dakota, 19,068,000; South Dakota, 18,156,000.

NOTE.—The average price relates only to December valuation, on which the aggregate value is based.

## BARLEY, RYE, BUCKWHEAT, POTATO AND HAY CROPS.

Department of Agriculture estimates of the crops of Barley, Rye, Buckwheat, Potatoes, in bushels, and Hay, in tons, by States enumerated, for the year 1895:

STATES.	BARLEY.	RYE.	BUCKWHEAT.	POTATOES.	HAY.
Maine.....	408,000	19,000	918,000	10,139,000	1,127,000
New Hampshire.....	137,000	16,000	96,000	3,135,000	580,000
Vermont.....	620,000	52,000	410,000	5,134,000	894,000
Massachusetts.....	41,000	206,000	37,000	4,303,000	650,000
Rhode Island.....	9,000	.....	.....	1,011,000	75,000
Connecticut.....	.....	264,000	58,000	3,463,000	400,000
New York.....	5,473,000	4,328,000	5,982,000	51,749,000	3,557,000
New Jersey.....	.....	988,000	253,000	4,601,000	599,000
Pennsylvania.....	259,000	4,677,000	4,569,000	23,193,000	2,872,000
Delaware.....	.....	.....	3,000	328,000	68,000
Maryland.....	.....	380,000	84,000	2,366,000	426,000
Virginia.....	.....	497,000	48,000	3,031,000	775,000
North Carolina.....	.....	438,000	19,000	1,461,000	273,000
South Carolina.....	.....	41,000	.....	401,000	145,000
Georgia.....	.....	139,000	.....	364,000	237,000
Florida.....	.....	.....	.....	90,000	10,000
Alabama.....	.....	21,000	.....	480,000	117,000
Mississippi.....	.....	.....	.....	363,000	148,000
Louisiana.....	.....	.....	.....	828,000	75,000
Texas.....	54,000	24,000	.....	1,276,000	677,000
Arkansas.....	.....	23,000	.....	1,476,000	214,000
Tennessee.....	58,000	129,000	13,000	2,443,000	551,000
West Virginia.....	.....	241,000	289,000	2,238,000	337,000
Kentucky.....	89,000	480,000	.....	3,908,000	694,000
Ohio.....	825,000	826,000	182,000	13,107,000	1,046,000
Michigan.....	1,255,000	1,491,000	629,000	23,917,000	721,000
Indiana.....	102,000	634,000	86,000	6,946,000	956,000
Illinois.....	353,000	1,700,000	97,000	13,749,000	1,319,000
Wisconsin.....	10,868,000	4,208,000	904,000	19,230,000	1,370,000
Minnesota.....	17,437,000	1,486,000	280,000	23,991,000	2,042,000
Iowa.....	12,685,000	1,555,000	224,000	21,341,000	4,613,000
Missouri.....	14,000	246,000	28,000	10,765,000	2,726,000
Kansas.....	258,000	732,000	32,000	7,869,000	4,181,000
Nebraska.....	1,393,000	599,000	56,000	7,994,000	1,811,000
California.....	19,024,000	426,000	22,000	1,889,000	2,792,000
Oregon.....	769,000	68,000	4,000	1,125,000	1,166,000
Nevada.....	263,000	.....	.....	213,000	467,000
Colorado.....	447,000	49,000	.....	3,492,000	1,961,000
Arizona.....	261,000	.....	.....	29,000	64,000
North Dakota.....	8,839,000	46,000	2,000	5,193,000	585,000
South Dakota.....	2,544,000	38,000	16,000	4,037,000	1,548,000
Idaho.....	260,000	.....	.....	408,000	460,000
Montana.....	143,000	.....	.....	288,000	293,000
New Mexico.....	52,000	.....	.....	59,000	121,000
Utah.....	191,000	78,000	.....	1,065,000	460,000
Washington.....	1,942,000	65,000	.....	2,413,000	600,000
Wyoming.....	.....	.....	.....	276,000	255,000
Total crops.....	87,073,000	27,210,000	15,341,000	297,237,000	47,078,000
Total acres.....	3,299,973	1,890,345	763,277	2,954,952	44,206,453
Value.....	\$29,312,000	\$11,965,000	\$6,936,000	\$78,965,000	\$393,185,000
Yield per acre.....	26.4	14.4	20.1	100.6	1.06
Farm price.....	33.7	44.0	45.2	26.6	8.35

NOTE.—Comparisons of total production for a series of years will be found in other tabular exhibits elsewhere in this report.

## FARMERS' STOCKS OF WHEAT.

Department of Agriculture estimates showing stocks of Wheat, representing bushels, in farmers' hands on March 1, with comparisons for previous years indicated, arranged for Winter and Spring Wheat crops, by principal States, etc. :

STATES.	1896	1895	1894	1893	1892	1891	1890
Ohio.....	10,309,120	10,173,240	13,620,960	9,885,720	13,659,300	8,995,200	12,902,750
Indiana.....	5,073,500	6,546,600	9,250,540	11,167,800	15,314,080	7,261,280	12,356,100
Illinois.....	4,193,420	5,668,040	4,081,820	7,659,900	9,456,750	3,995,420	10,643,920
Missouri.....	4,810,000	3,786,640	4,127,760	6,705,180	7,204,960	4,409,500	5,778,920
Kansas.....	4,563,800	3,884,650	5,115,440	17,707,750	17,008,460	7,330,700	10,819,200
Michigan.....	4,419,020	4,451,040	5,976,300	6,917,660	9,061,500	6,061,300	8,061,060
Kentucky.....	2,185,230	2,091,140	2,857,680	2,908,750	3,031,630	2,196,480	2,702,750
Tennessee.....	1,211,070	1,061,640	2,009,610	2,306,800	2,441,460	1,259,680	2,271,230
Winter.....	36,785,160	37,607,990	46,990,100	65,258,560	77,178,090	41,529,560	65,535,950
Minnesota.....	19,675,200	6,040,320	7,673,750	12,363,000	16,987,231	11,890,360	15,455,040
The Dakotas.....	19,552,210	5,771,380	9,419,500	14,241,390	24,545,700	8,688,365	9,163,440
Iowa.....	6,008,200	2,362,140	2,362,150	2,685,090	8,275,800	6,473,940	7,778,510
Nebraska.....	5,619,060	1,225,700	3,847,680	4,701,000	5,785,600	4,298,200	6,402,240
Wisconsin.....	3,791,040	2,154,180	2,429,920	3,064,900	4,304,190	4,714,560	6,436,060
Spring.....	54,645,710	17,553,720	25,733,000	37,075,380	58,898,521	36,055,425	45,235,290
Total, 14 States..	91,430,870	55,161,710	72,723,100	102,333,940	137,076,611	77,584,985	110,771,240
Middle & N. Eng.	11,307,690	6,269,080	12,216,850	9,641,490	10,503,440	9,985,460	11,865,590
Southern.....	7,478,260	5,480,670	9,943,640	8,113,350	8,204,800	5,944,210	9,488,020
Other, etc.....	12,828,470	8,098,330	19,175,970	15,116,650	2,443,700	2,458,500	2,372,830
Total, sundry..	31,614,420	19,838,080	41,336,460	32,871,490	21,151,940	18,388,170	23,726,440
Total, Eastern...	112,630,620	68,602,950	96,324,840	121,758,240	158,228,551	95,973,155	134,497,680
Total, Pacific....	10,414,670	6,396,840	17,734,680	13,447,190	12,842,330	16,497,500	21,937,870
Aggregates.....	123,045,290	74,999,790	114,059,560	135,205,430	171,070,881	112,470,655	156,435,550
Total crops.....	467,103,000	460,267,000	396,132,000	515,949,000	611,780,000	399,282,000	490,560,000

NOTE.—The 1895 estimate was manifestly much too low.

## FARMERS' STOCKS OF CORN.

Department of Agriculture estimates showing stocks of Corn, representing bushels, in farmers' hands on March 1, with details and totals for Western States and totals for all other States, with comparisons for previous years indicated :

STATES.	1896	1895	1894	1893	1892	1891	1890
Ohio.....	37,113,200	25,910,640	22,570,450	29,348,550	37,636,800	19,104,040	37,360,260
Indiana.....	55,860,560	39,910,800	27,318,080	36,166,900	49,448,800	24,927,000	47,995,200
Illinois.....	132,671,240	74,413,680	56,192,500	61,170,990	100,998,400	63,731,640	124,580,000
Iowa.....	164,176,650	22,776,320	105,769,440	84,092,820	164,912,660	86,002,430	167,863,680
Missouri.....	138,061,760	38,283,960	56,951,280	51,846,260	69,091,400	63,124,200	102,853,270
Kansas.....	100,332,400	8,359,600	34,364,250	48,122,250	45,405,760	15,475,320	117,848,920
Nebraska.....	57,815,100	3,186,880	56,620,440	69,148,800	78,796,440	17,699,200	68,789,790
Minnesota.....	17,618,930	5,301,240	8,083,280	7,983,360	6,811,660	6,811,520	7,016,790
The Dakotas.....	4,186,240	221,280	7,430,190	5,209,740	7,776,780	8,127,800	4,570,530
Wisconsin.....	11,582,900	3,584,240	9,265,920	8,204,100	8,023,860	10,910,130	9,092,800
Michigan.....	11,088,000	6,744,670	4,794,020	6,036,680	9,962,560	7,176,600	7,275,840
Kentucky.....	46,969,500	25,120,040	26,523,120	23,393,700	33,118,000	24,185,100	33,921,900
Tennessee.....	43,229,160	28,585,200	26,096,500	26,960,560	36,322,880	31,138,320	40,415,500
Totals.....	820,725,640	276,398,550	442,429,470	457,679,710	648,186,000	373,413,300	769,506,270
Other, etc.....	251,548,060	199,166,880	143,386,880	169,167,660	212,207,950	168,759,950	200,432,210
Aggregates.....	1,072,273,700	475,565,430	585,816,350	626,847,370	860,393,950	542,173,250	969,938,480
Total crops.....	2,151,139,000	1,212,770,000	1,619,494,000	1,628,464,000	2,060,154,000	1,489,970,000	2,112,892,000

## FARMERS' STOCKS OF GRAIN.

Department of Agriculture estimates showing stocks of Wheat and Corn, representing bushels, in farmers' hands March 1, for years indicated:

YEARS.	WHEAT.	CORN.	YEARS.	WHEAT.	CORN.
1881.....	145,000,000	.....	1889.....	112,000,000	787,000,000
1882.....	98,000,000	.....	1890.....	156,000,000	970,000,000
1883.....	143,000,000	587,000,000	1891.....	112,000,000	542,000,000
1884.....	119,000,000	512,000,000	1892.....	171,000,000	860,000,000
1885.....	169,000,000	675,000,000	1893.....	135,000,000	627,000,000
1886.....	107,000,000	773,000,000	1894.....	114,000,000	586,000,000
1887.....	122,000,000	603,000,000	1895.....	75,000,000	475,000,000
1888.....	132,000,000	508,000,000	1896.....	123,000,000	1,072,000,000

## CENSUS ESTIMATES OF CROPS IN 1889.

Crops produced in the United States in 1889, according to Census Office estimates, showing acreage and yield, as indicated:

CROPS.	Quantity.	Acres.	CROPS.	Quantity.	Acres.
Wheat, bushels.....	468,373,968	33,579,514	Cotton, bales.....	7,471,116	20,172,896
Corn, bushels.....	2,122,327,547	72,087,752	Tobacco, pounds.....	488,256,646	695,301
Oats, bushels.....	809,250,666	28,320,677	Hay, etc., tons.....	68,321,710	54,444,513
Barley, bushels.....	78,332,976	3,220,834	Hops, pounds.....	39,171,270	50,212
Rye, bushels.....	28,421,398	2,171,604	Cane Sugar, pounds...	302,731,895	.....
Buckwheat, bushels.....	12,110,349	837,164	Rice, pounds.....	128,590,934	161,312
Flaxseed, bushels.....	10,250,410	1,318,698	Peanuts, bushels.....	3,484,979	201,484

## UNITED STATES WHEAT STATISTICS.

Compilation from official data, showing the annual harvested acreage of Wheat, average yield in measured bushels per acre, total production, estimated farm price in December, and exports for years ending June 30, together with range of cash prices of No. 2 Spring Wheat at Chicago, in the months of December and May of each crop year:

YEARS.	Acres Harvested.	Yield per Acre.	Production, bushels.	Farm Price.	Chicago Price, December.	Chicago Price, May.	Exported, bushels.
1881-82.....	37,709,000	10.2	383,280,000	\$1 19.3	\$1 24 <sup>3</sup> / <sub>4</sub> @1 29	\$1 23 @1 40	122,598,000
1882-83.....	37,067,000	13.6	504,185,000	88.4	91 <sup>1</sup> / <sub>2</sub> @ 94 <sup>3</sup> / <sub>4</sub>	1 08 @1 13 <sup>3</sup> / <sub>4</sub>	148,785,000
1883-84.....	36,393,000	11.6	421,086,000	91.0	94 <sup>1</sup> / <sub>2</sub> @ 99 <sup>3</sup> / <sub>4</sub>	85 @ 94 <sup>3</sup> / <sub>4</sub>	111,584,000
1884-85.....	39,476,000	13.0	512,764,000	65.0	69 <sup>1</sup> / <sub>2</sub> @ 76 <sup>3</sup> / <sub>4</sub>	85 <sup>3</sup> / <sub>4</sub> @ 90 <sup>3</sup> / <sub>4</sub>	132,570,000
1885-86.....	34,189,000	10.4	357,112,000	77.0	82 <sup>1</sup> / <sub>2</sub> @ 89 <sup>1</sup> / <sub>2</sub>	72 <sup>1</sup> / <sub>2</sub> @ 79	94,565,000
1886-87.....	36,806,000	12.4	457,218,000	68.7	75 <sup>1</sup> / <sub>2</sub> @ 79 <sup>1</sup> / <sub>2</sub>	80 <sup>3</sup> / <sub>4</sub> @ 88 <sup>3</sup> / <sub>4</sub>	153,805,000
1887-88.....	37,642,000	12.1	456,329,000	68.1	75 <sup>1</sup> / <sub>2</sub> @ 79 <sup>1</sup> / <sub>2</sub>	81 <sup>1</sup> / <sub>2</sub> @ 89 <sup>3</sup> / <sub>4</sub>	119,825,000
1888-89.....	37,336,000	11.1	415,868,000	87.3	96 <sup>1</sup> / <sub>2</sub> @1 05 <sup>3</sup> / <sub>4</sub>	77 <sup>1</sup> / <sub>2</sub> @ 95 <sup>1</sup> / <sub>2</sub>	88,601,000
1889-90.....	38,124,000	12.9	490,560,000	69.8	76 <sup>1</sup> / <sub>2</sub> @ 80 <sup>3</sup> / <sub>4</sub>	89 <sup>3</sup> / <sub>4</sub> @1 00	109,430,000
1890-91.....	36,087,000	11.1	399,262,000	83.8	87 <sup>1</sup> / <sub>2</sub> @ 93 <sup>1</sup> / <sub>4</sub>	98 <sup>1</sup> / <sub>2</sub> @1 08	106,181,000
1891-92.....	39,917,000	15.3	611,780,000	83.9	89 <sup>1</sup> / <sub>2</sub> @ 98 <sup>1</sup> / <sub>4</sub>	80 @ 83 <sup>3</sup> / <sub>4</sub>	225,666,000
1892-93.....	38,554,000	13.4	515,949,000	62.4	69 <sup>1</sup> / <sub>2</sub> @ 71 <sup>1</sup> / <sub>4</sub>	68 <sup>1</sup> / <sub>2</sub> @ 76 <sup>1</sup> / <sub>4</sub>	191,832,000
1893-94.....	34,629,000	11.4	396,132,000	53.8	59 <sup>1</sup> / <sub>2</sub> @ 64 <sup>1</sup> / <sub>4</sub>	52 <sup>1</sup> / <sub>2</sub> @ 60 <sup>1</sup> / <sub>4</sub>	164,283,000
1894-95.....	34,882,000	13.2	460,267,000	49.1	52 <sup>1</sup> / <sub>2</sub> @ 63 <sup>3</sup> / <sub>4</sub>	60 <sup>1</sup> / <sub>2</sub> @ 83 <sup>3</sup> / <sub>4</sub>	144,813,000
1895-96.....	34,047,000	13.7	467,103,000	50.9	53 <sup>1</sup> / <sub>2</sub> @ 64 <sup>1</sup> / <sub>4</sub>	.....	.....

## PRICES OF MESS PORK, HAMS AND LARD.

Quotations for Mess Pork, per barrel, the best Sugar-cured Hams and for Winter Prime Steam Lard, per pound, at Cincinnati, on Tuesday of each week, during the provision trade year ending October 31 :

DATES.	MESS PORK.		SUGAR-CURED HAMS.		PRIME STEAM LARD.	
	1894-95	1893-94	1894-95	1893-94	1894-95	1893-94
November 6.....	\$12 50	\$17 00 @18 00	9.75@10.50	11.00@12.00	6.85	9.75 @10.12½
13.....	12 80	16 00	9.50@10.25	10.50@11.50	7.10	9.00 @ 9.25
20.....	12 35	15 00	9.25@10.25	10.25@11.00	7.00 @ 7.12½	8.50 @ 8.75
27.....	12 25	13 50	9.25@10.25	10.25@11.00	6.90 @ 6.95	8.00 @ 8.37½
December 4.....	12 25	13 50	9.25@10.25	9.75@10.75	6.90 @ 7.00	8.00 @ 8.37½
11.....	12 00	13 50	9.25@10.25	9.75@10.75	6.75	8.00 @ 8.37½
18.....	12 00	12 75	9.00@ 9.75	9.25@10.25	6.80	7.87½ @ 8.00
25.....	11 75	12 75	9.00@ 9.75	9.25@10.25	6.60 @ 6.65	7.87½ @ 8.00
January 1.....	11 50	13 00	9.00@ 9.75	9.00@10.00	6.70	7.87½ @ 8.00
8.....	11 75	13 50	9.00@ 9.75	9.00@10.00	6.85	7.87½ @ 8.00
15.....	11 50	14 00	9.00@ 9.75	9.25@10.25	6.75	8.00 @ 8.25
22.....	11 25	14 00	9.00@ 9.75	9.50@10.75	6.50 @ 6.55	7.87½ @ 8.25
29.....	10 50	14 00	9.00@ 9.75	9.50@10.75	6.35	7.75 @ 8.00
February 5.....	10 37½	12 50	9.00@ 9.50	9.50@10.75	6.40 @ 6.45	7.50 @ 7.75
12.....	10 25	12 50	9.00@ 9.50	9.50@10.75	6.45 @ 6.50	7.12½ @ 7.25
19.....	10 40	12 50	9.00@ 9.50	9.50@10.50	6.45	7.25 @ 7.37½
26.....	10 40	12 50	9.00@ 9.50	9.50@10.50	6.35	7.12½
March 5.....	10 75	12 25	9.00@ 9.50	9.50@10.60	6.40	6.75 @ 6.85
12.....	11 50	11 75	9.00@ 9.50	9.50@10.25	6.62½	6.50 @ 6.70
19.....	11 75	11 75	9.00@ 9.50	9.25@10.00	6.60	6.40 @ 6.50
26.....	12 50	11 75	9.50@10.00	9.25@10.00	7.00	6.85 @ 6.95
April 2.....	12 50	12 00 @12 25	9.50@10.00	9.25@10.00	6.90	6.80 @ 6.90
9.....	12 50	12 87½@13 12½	9.50@10.00	9.75@10.25	6.90	7.37½
16.....	12 75	13 75 @14 00	9.50@10.00	9.75@10.25	6.90	7.50 @ 7.62½
23.....	12 75	13 25	10.00@10.50	9.75@10.25	6.85	7.37½ @ 7.50
30.....	12 50@12 75	13 00	10.00@11.00	9.75@11.00	6.70	7.37½ @ 7.50
May 7.....	12 50@12 75	12 75	10.00@11.00	9.75@11.00	6.50 @ 6.55	7.25
14.....	12 25	12 75	10.00@11.00	9.75@11.00	6.60	7.00 @ 7.12½
21.....	13 00	12 25	9.75@10.75	10.00@11.50	6.75	6.75 @ 6.87½
28.....	12 50	12 25	9.75@11.00	10.00@11.50	6.55	6.70
June 4.....	12 50@12 75	12 25	9.75@11.00	10.00@11.50	6.50 @ 6.60	6.50 @ 6.60
11.....	12 50@12 75	12 75	9.75@11.00	10.00@11.50	6.50	6.60 @ 6.70
18.....	12 50@12 75	12 87½	9.75@11.00	10.00@11.50	6.40	6.62½
25.....	12 50	12 90	9.75@11.00	10.00@11.50	6.45	6.60
July 2.....	12 50	12 90	9.75@11.00	10.25@12.00	6.35	6.60
9.....	12 00	13 25	9.75@11.00	11.50@12.50	6.25	6.75
16.....	11 25	13 25	9.75@11.00	11.50@12.50	6.12½	6.75
23.....	11 25	13 00	9.75@11.00	11.50@12.50	6.25	6.70 @ 6.75
30.....	11 00	13 00	9.75@11.00	11.50@12.50	6.15 @ 6.20	6.85
August 6.....	10 00	13 75	9.75@11.00	11.50@12.50	5.90	7.25
13.....	10 00	14 25	9.75@11.00	11.50@12.50	5.95 @ 6.00	7.50 @ 7.62½
20.....	10 50	14 00	9.75@11.00	11.60@12.50	6.10	7.50
27.....	10 00	14 25	9.75@11.00	11.50@12.50	5.80	8.00
September 3.....	9 75	14 50	9.75@11.00	11.50@12.50	5.75	8.50 @ 8.62½
10.....	9 00	14 75	9.50@10.75	11.50@12.50	5.75	8.90
17.....	9 00	14 75	9.50@10.75	11.50@12.50	5.65 @ 5.70	8.75
24.....	8 75	13 75	9.50@10.75	11.50@12.50	5.75	8.25 @ 8.37½
October 1.....	9 00	13 50	9.50@10.75	11.50@12.25	5.75	8.00
8.....	9 00	13 50	9.50@10.75	11.00@12.00	5.70	7.40 @ 7.50
15.....	9 00	13 00	9.50@10.75	10.50@11.50	5.65	7.50
22.....	8 75	13 00	9.50@10.75	10.25@11.25	5.40	7.12½
29.....	8 50	12 50	9.50@10.75	10.00@11.00	5.45	6.75



## PRICES OF DRY SALTED AND SMOKED MEATS.

Quotations for Dry Salted Meats and Bacon, per pound, at Cincinnati, on Tuesday of each week, during the provision trade year ending October 31:

DATES.	D. S. MEATS.				BACON.			
	Shoulders.		Short Rib Sides.		Shoulders.		Short Rib Sides.	
	1894-95	1893-94	1894-95	1893-94	1894-95	1893-94	1894-95	1893-94
November 6...	5.50	7.00 @7.50	6.25	9.12½ @9.50	6.00	8.00 @8.25	7.00	10.00 @10.25
13...	5.50	6.75 @7.00	6.50	8.50 @8.75	6.00	7.50 @7.75	7.00	9.25 @9.50
20...	5.50	6.00 @6.50	6.25	7.75 @8.25	6.00	7.25 @7.50	7.00	9.00 @9.25
27...	5.50	6.00 @6.50	6.25	7.25 @7.50	6.00	7.00 @7.25	7.00	8.00 @8.25
December 4...	5.50	6.00 @6.50	6.12½	7.25 @7.50	6.00	7.00 @7.25	7.00	8.00 @8.25
11...	5.25	6.00 @6.50	6.00	7.25 @7.50	5.75	7.00 @7.25	6.75	8.00 @8.25
18...	5.25	5.37½ @5.87½	6.00	6.62½ @6.87½	5.75	6.37½ @6.62½	6.75	7.37½ @7.62½
25...	5.12½	5.37½ @5.87½	5.80	6.62½ @6.87½	5.62½	6.37½ @6.62½	6.50	7.37½ @7.62½
January 1...	5.00	5.37½ @5.87½	5.75	6.62½ @6.87½	5.62½	6.37½ @6.62½	6.50	6.62½ @6.87½
8...	5.00	5.37½ @5.87½	5.75	6.62½ @6.87½	5.62½	6.37½ @6.62½	6.50	7.37½ @7.62½
15...	5.00	5.75 @6.00	5.75	7.00 @7.25	5.62½	6.50 @6.75	6.50	7.75 @8.00
22...	4.75	6.00 @6.50	5.50	6.87½ @7.12½	5.25	6.75 @7.00	6.25	7.62½ @7.87½
29...	4.50	6.00 @6.50	5.37½	6.87½ @7.12½	5.12½	6.75 @7.00	6.12½	7.62½ @7.87½
February 5...	4.50	6.00 @6.50	5.25	6.75 @7.00	5.00	6.75 @7.00	6.00	7.50 @7.75
12...	4.50	6.00 @6.50	5.25	6.50 @6.75	5.00	6.50 @6.75	6.00	7.25 @7.50
19...	4.50	6.00 @6.50	5.25	6.50 @6.75	5.00	6.50 @6.75	6.00	7.25 @7.50
26...	4.50	6.00 @6.50	5.25	6.50 @6.75	5.00	6.50 @6.75	6.00	7.25 @7.50
March 5...	4.62½	5.75 @6.25	5.37½	6.25 @6.50	5.00	6.25 @6.50	5.87½	7.00 @7.25
12...	4.75	5.62½ @6.12½	5.75	6.12½ @6.37½	5.25	6.12½ @6.37½	6.37½	6.87½ @7.12½
19...	4.75	5.62½ @6.12½	5.87½	6.12½ @6.37½	5.25	6.12½ @6.37½	6.50	6.87½ @7.12½
26...	5.00	5.62½ @6.12½	6.25	6.12½ @6.37½	5.50	6.12½ @6.37½	6.75	6.87½ @7.12½
April 2...	5.00	5.62½ @6.00	6.25	6.00 @6.25	5.50	6.00 @6.25	6.75	6.75 @7.00
9...	5.00	5.75 @6.25	6.25	6.62½ @6.75	5.50	6.50 @6.75	6.62½	7.25 @7.50
16...	5.00	6.00 @6.50	6.37½	6.75 @6.87½	5.50	6.75	6.75	7.50 @7.75
23...	5.00	6.00 @6.50	6.37½	6.75 @6.87½	5.50	6.75	6.75	7.50 @7.75
30...	5.00	6.00 @6.25	6.30	6.87½	5.50	6.75	6.65	7.50 @7.75
May 7...	5.00	6.00 @6.25	6.30	6.75	5.50	6.75	6.65	7.25 @7.50
14...	5.00	6.00 @6.25	6.15	6.62½	5.50	6.75	6.65	7.12½ @7.37½
21...	5.00	6.00 @6.25	6.37½	6.62½	5.50	6.75	6.80	7.12½ @7.37½
28...	5.00	6.00 @6.25	6.25	6.50	5.50	6.75	6.65	7.00 @7.25
June 4...	5.00	6.00 @6.25	6.37½	6.37½	5.50	6.75	6.75	6.87½ @7.12½
11...	5.00	6.00 @6.25	6.25	6.62½	5.50	6.75	6.75	7.12½ @7.37½
18...	5.00	6.00 @6.25	6.25	6.62½	5.50	6.75	6.75	7.25 @7.50
25...	5.12½	6.00 @6.25	6.37½	6.75	5.62½	6.75	6.75	7.25 @7.50
July 2...	5.12½	6.00 @6.25	6.45	6.75	5.62½	6.75	6.87½	7.25 @7.50
9...	5.12½	6.25	6.25	7.25	5.62½	6.75	6.75	7.75
16...	5.12½	6.25	6.12½	7.25	5.62½	6.75	6.62½	7.75
23...	5.50	6.25	6.37½	7.12½	5.75	6.75	6.75	7.62½
30...	5.50	6.25	6.25	7.00	5.75	7.00 @7.25	6.75	7.75
August 6...	5.25	6.50	5.75	7.25	5.50	7.00 @7.25	6.37½	7.75
13...	5.25	6.75	5.87½	7.62½	5.75	7.50	6.50	8.25
20...	5.25	6.75	6.12½	7.50	5.75	7.25	6.62½	8.25
27...	5.25	6.75	6.00	7.62½	5.75	7.25	6.37½	8.25
September 3...	5.25	7.00	5.87½	8.00	5.75	7.50	6.37½	8.50
10...	5.50	7.25	5.62½	8.25	6.00	7.75	6.25	8.75
17...	5.50	7.00	5.50	8.12½	6.00	7.62½	6.12½	8.62½
24...	5.25	6.50	5.25	7.37½	5.75	7.25	5.87½	8.12½
October 1...	5.25	6.25	5.62½	7.25	5.75	7.00	6.25	8.00
8...	5.25	6.00	5.50	6.87½	5.25	6.75	6.00	7.62½
15...	5.50	6.00	5.25	6.87½	6.00	6.75	5.87½	7.62½
22...	4.50	5.87½	5.00	6.62½	5.50	6.62½	5.50	7.25
29...	4.50	5.62½	4.75	6.37½	5.00	6.25	5.12½	7.12½

## AVERAGE ANNUAL PRICES OF HOG PRODUCT.

Average annual prices of leading articles of Hog Product, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	MESS PORK.	D. S. MEATS.			BACON.				LARD.	
		Shoul- ders.	Short Rib Sides.	Short Clear Sides.	Shoul- ders.	Short Rib Sides.	Short Clear Sides.	Sugar Cured Hams.	Prime Steam Winter.	Kettle Winter.
1876-77	\$15 42	5.80	7.81	8.28	6.80	8.79	9.25	12.34	9.75	10.58
1877-78	10 99	4.77	5.98	6.24	5.68	6.84	7.15	10.31	7.54	8.07
1878-79	9 25	3.50	4.57	4.88	4.09	5.13	5.41	9.35	6.06	6.87
1879-80	11 88	4.21	6.51	6.88	5.02	7.49	7.82	9.91	6.93	7.61
1880-81	15 96	5.46	8.08	8.88	6.24	8.90	9.28	10.85	9.86	10.49
1881-82	19 52	7.78	10.49	10.93	8.60	11.38	11.93	13.42	11.86	13.08
1882-83	18 92	7.51	10.10	10.54	8.58	11.23	11.78	13.61	10.85	11.60
1883-84	15 64	6.09	8.40	8.88	6.80	8.71	9.06	13.49	8.24	8.96
1884-85	12 74	4.76	6.65	6.96	5.39	7.38	7.80	10.70	6.87	7.54
1885-86	10 04	4.14	5.52	5.72	4.71	5.98	6.20	10.14	6.13	6.54
1886-87	13 74	5.60	7.17	7.41	6.39	7.85	8.10	11.48	6.56	7.25
1887-88	14 56	5.91	7.75	8.06	6.66	8.38	8.74	11.23	7.64	8.23
1888-89	13 13	5.83	6.82	7.06	6.65	7.47	7.85	11.56	7.41	8.03
1889-90	11 29	4.46	5.19	5.36	5.01	5.89	6.10	10.81	5.94	6.37
1890-91	10 72	4.76	5.72	5.91	5.60	6.31	6.54	10.18	6.11	6.55
1891-92	10 51	5.11	6.47	6.65	5.90	7.22	7.42	10.61	6.47	6.80
1892	11 68	5.83	6.92	7.33	6.55	7.63	8.03	11.04	7.21	7.55
1893	18 46	8.77	9.36	10.22	9.61	10.84	11.15	13.22	9.91	10.82
1894	12 98	6.08	6.79	7.06	6.65	7.48	7.88	10.60	7.25	7.92
1895	10 65	4.93	5.62	5.94	5.40	6.19	6.52	9.96	6.24	6.67

Average annual prices for provision trade years ending October 31 :

YEARS.	MESS PORK.	D. S. MEATS.			BACON.				LARD.	
		Shoul- ders.	Short Rib Sides.	Short Clear Sides.	Shoul- ders.	Short Rib Sides.	Short Clear Sides.	Sugar Cured Hams.	Prime Steam Winter.	Kettle Winter.
1883-84	\$16 50	6.26	8.61	8.96	6.97	9.33	9.73	13.34	8.18	8.86
1884-85	11 41	4.25	5.91	6.19	4.84	6.56	6.92	10.07	6.63	7.21
1885-86	10 19	4.56	5.73	5.94	5.20	6.21	6.44	10.36	6.18	6.62
1886-87	14 47	5.55	7.36	7.60	6.32	8.09	8.34	11.50	6.59	7.29
1887-88	14 60	6.28	7.84	8.16	6.98	8.46	8.87	11.37	8.15	8.74
1888-89	12 45	5.23	6.24	6.45	6.05	6.85	7.17	11.45	6.78	7.34
1889-90	11 21	4.60	5.23	5.40	5.19	5.96	6.16	10.67	5.96	6.37
1890-91	10 66	4.80	6.04	6.23	5.63	6.62	6.87	10.17	6.20	6.71
1891-92	10 64	5.31	6.52	6.72	6.10	7.31	7.55	10.66	6.64	6.83
1892-93	18 50	8.89	9.38	10.27	9.71	10.84	11.19	13.89	10.00	10.94
1893-94	13 29	6.22	7.03	7.33	6.86	7.71	8.18	10.73	7.51	8.21
1894-95	12 26	5.07	5.90	6.17	5.56	6.47	6.77	9.94	6.41	6.89

Average annual prices of Live Hogs, at Cincinnati, for winter seasons :

1852-53.	\$5 05	1863-64.	\$5 60	1874-75.	\$6 99	1885-86.	\$3 81
1853-54.	3 55	1864-65.	11 70	1875-76.	7 27	1886-87.	4 28
1854-55.	3 56	1865-66.	9 57	1876-77.	5 90	1887-88.	5 18
1855-56.	4 84	1866-67.	6 02	1877-78.	4 20	1888-89.	5 15
1856-57.	4 99	1867-68.	6 60	1878-79.	2 84	1889-90.	3 74
1857-58.	4 13	1868-69.	8 41	1879-80.	4 36	1890-91.	3 64
1858-59.	5 27	1869-70.	9 46	1880-81.	4 61	1891-92.	3 90
1859-60.	4 97	1870-71.	5 50	1881-82.	6 24	1892-93.	6 60
1860-61.	4 77	1871-72.	4 36	1882-83.	6 44	1893-94.	5 35
1861-62.	2 63	1872-73.	3 92	1883-84.	5 24	1894-95.	4 35
1862-63.	3 56	1873-74.	4 58	1884-85.	4 44	1895-96.	3 80

## ANNUAL RECEIPTS AND SHIPMENTS OF HOG PRODUCT.

Annual receipts of Hog Product, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	Pork, bbls.	†Bacon, lbs.	Hams, lbs.	D.S.Meats, in boxes, lbs.	*D.S.Meats, loose, lbs.	Lard, in bbls. or tcs. lbs.	Lard, in kegs, lbs.
1870-71	15,615	5,282,100	.....	83,000	25,445,310	13,700,480	115,515
1871-72	32,078	3,823,000	.....	295,500	38,073,386	14,969,380	125,405
1872-73	10,185	4,556,100	.....	609,500	39,078,945	16,010,560	87,660
1873-74	7,122	6,006,400	.....	634,500	28,999,404	17,420,800	85,815
1874-75	9,009	666,272	2,659,083	585,900	22,205,120	11,546,064	39,465
1875-76	6,063	1,128,066	4,774,505	414,970	19,341,658	13,935,351	16,470
1876-77	5,383	543,899	3,803,916	453,069	15,080,137	8,779,520	23,337
1877-78	3,179	701,411	4,989,365	585,270	13,436,894	9,371,666	33,650
1878-79	5,035	477,849	4,815,405	963,300	11,055,063	12,010,181	13,060
1879-80	3,105	1,142,555	5,989,594	2,399,360	15,753,818	7,741,727	13,678
1880-81	3,241	864,312	4,691,742	5,099,600	35,744,306	13,045,014	116,234
1881-82	3,034	1,201,546	4,525,791	1,906,250	42,106,174	6,753,006	38,727
1882-83	7,260	781,400	4,323,214	1,679,000	23,801,430	7,845,506	15,968
1883-84	3,646	950,017	5,534,619	780,500	40,827,342	7,187,949	29,285
1884-85	9,078	1,069,543	7,046,047	2,179,900	59,766,610	12,062,638	6,980
1885-86	13,405	712,814	8,967,034	3,730,110	82,137,199	13,824,712	7,585
1886-87	10,973	553,330	7,170,410	4,849,500	67,764,992	22,151,399	1,920
1887-88	6,999	784,950	6,438,392	5,139,850	52,132,914	15,050,905	360
1888-89	10,824	1,946,331	7,276,160	5,972,630	56,817,656	14,471,656	.....
1889-90	7,278	5,084,610	8,936,027	9,717,500	51,645,183	14,599,657	.....
1890-91	5,438	5,841,070	8,661,310	11,042,000	71,157,590	21,288,000	.....
1891-92	11,532	5,942,090	9,791,783	8,571,500	77,744,551	26,248,370	.....
1892	12,168	5,632,480	10,134,803	7,985,000	68,908,224	26,669,690	.....
1893	6,356	4,450,320	5,875,670	5,446,000	42,500,900	15,625,710	.....
1894	6,672	4,533,200	9,727,430	8,292,500	47,543,970	34,251,870	.....
1895	6,439	7,242,209	9,981,186	4,715,000	72,173,964	29,825,660	.....

\* Including Green Meats.

† Including Hams prior to 1874-75.

Annual shipments of Hog Product, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	Pork, bbls.	Bacon, lbs.	Hams, lbs.	D.S.Meats, in boxes, lbs.	D.S.Meats, loose, lbs.	Lard, in bbls. or tcs. lbs.	Lard, in kegs, lbs.
1870-71	72,487	62,611,100	.....	3,168,500	11,828,290	35,297,280	2,238,075
1871-72	93,985	85,808,700	.....	7,417,500	19,958,909	40,000,640	1,632,870
1872-73	62,030	86,359,200	.....	13,430,000	26,449,423	41,852,480	1,855,215
1873-74	57,310	77,960,100	.....	9,222,000	36,553,997	42,898,880	1,752,210
1874-75	43,970	29,897,886	23,433,508	5,150,730	37,750,015	29,579,064	1,276,794
1875-76	53,518	26,509,395	23,487,125	9,162,971	32,687,549	34,565,110	592,090
1876-77	65,479	21,921,630	19,799,531	13,062,810	39,181,049	33,325,976	458,458
1877-78	73,384	21,813,868	22,839,734	16,026,300	32,638,175	44,987,709	256,725
1878-79	57,111	28,319,529	22,445,924	27,061,000	25,887,275	42,208,320	198,686
1879-80	38,428	21,443,410	20,344,412	19,388,835	29,185,813	26,248,256	143,554
1880-81	49,639	17,912,562	16,890,860	19,606,118	55,755,612	41,893,108	365,836
1881-82	17,503	20,822,492	13,697,246	8,751,840	48,904,210	24,205,955	603,482
1882-83	25,035	13,959,498	13,642,320	9,629,477	45,381,623	31,016,021	76,250
1883-84	19,495	16,781,225	13,730,304	6,154,760	52,007,807	25,019,197	71,652
1884-85	21,533	15,068,961	15,833,615	7,210,900	66,354,504	29,605,373	42,010
1885-86	19,813	17,804,775	16,719,140	7,027,115	96,275,105	34,280,706	10,330
1886-87	21,400	14,964,148	15,251,802	8,709,750	71,194,065	37,550,845	5,980
1887-88	10,157	12,751,470	12,285,099	6,728,250	57,032,097	27,328,752	5,400
1888-89	14,101	15,077,055	15,192,010	8,781,030	64,875,376	30,767,221	.....
1889-90	9,848	18,451,619	17,272,486	12,623,300	54,522,322	32,944,779	.....
1890-91	7,363	18,577,439	17,219,945	12,908,500	75,999,392	35,995,994	.....
1891-92	12,771	18,253,240	19,249,575	10,716,830	81,920,783	40,582,595	.....
1892	13,247	17,052,725	18,600,245	9,768,700	70,670,218	34,556,845	.....
1893	6,990	11,902,410	10,102,805	4,665,500	41,581,805	25,169,865	.....
1894	5,417	9,914,990	13,107,200	7,522,500	49,949,900	47,721,590	.....
1895	5,801	12,351,590	13,557,930	5,689,500	75,754,019	45,475,790	.....

## MONTHLY MOVEMENT OF HOG PRODUCT.

Monthly receipts and shipments of Hog Product, at Cincinnati, for two years, ending December 31:

MONTHS.	RECEIPTS, 1895.					
	Bacon, lbs.	D. S. Meats, loose, lbs.	D. S. Meats, boxed, lbs.	Hams, lbs.	Lard, lbs.	Pork, bbbls.
January.....	160,380	3,340,500	521,500	504,690	4,546,120	616
February.....	351,353	3,761,000	548,000	719,920	1,805,740	393
March.....	572,083	4,726,905	475,000	796,550	3,924,640	625
April.....	525,829	5,679,650	123,000	942,355	2,540,060	334
May.....	887,382	4,936,290	310,500	1,208,640	2,546,260	572
June.....	601,853	4,518,000	815,500	951,880	2,170,890	192
July.....	842,740	7,222,150	574,500	878,910	1,710,760	753
August.....	907,571	9,108,530	440,500	1,271,741	2,289,920	715
September.....	901,580	7,551,860	410,500	835,420	1,778,520	201
October.....	864,295	9,612,300	593,000	608,560	2,671,000	564
November.....	366,643	6,264,379	221,000	473,780	1,892,440	440
December.....	260,500	5,452,400	182,000	788,740	1,954,320	1,084

MONTHS.	SHIPMENTS, 1895.					
	Bacon, lbs.	D. S. Meats, loose, lbs.	D. S. Meats, boxed, lbs.	Hams, lbs.	Lard, lbs.	Pork, bbbls.
January.....	601,030	4,243,900	520,000	1,197,430	6,475,740	519
February.....	567,240	4,080,915	711,000	878,440	3,670,660	304
March.....	903,650	5,653,040	695,500	1,257,790	5,200,700	486
April.....	1,094,920	5,971,760	229,500	1,070,660	3,660,910	309
May.....	1,495,740	4,792,440	434,000	1,248,990	3,493,040	567
June.....	1,116,410	4,897,660	387,500	1,223,300	4,023,580	130
July.....	1,248,460	7,105,360	487,000	1,303,630	2,742,170	905
August.....	1,342,360	8,775,780	425,500	1,303,760	2,558,840	464
September.....	1,297,500	7,591,261	398,500	856,130	2,258,960	150
October.....	1,373,600	9,410,029	382,500	948,590	3,514,100	693
November.....	686,240	6,636,223	311,000	906,410	3,758,850	296
December.....	624,390	6,065,651	708,500	1,362,600	4,118,240	978

MONTHS.	RECEIPTS, 1894.					
	Bacon, lbs.	D. S. Meats, loose, lbs.	D. S. Meats, boxed, lbs.	Hams, lbs.	Lard, lbs.	Pork, bbbls.
January.....	259,083	4,350,960	805,500	802,980	3,129,640	785
February.....	204,930	3,155,450	1,161,500	1,021,680	4,109,200	601
March.....	381,747	3,152,740	971,500	614,330	4,029,980	302
April.....	318,910	5,180,200	684,500	832,970	2,190,930	300
May.....	274,150	3,750,000	537,000	827,230	2,055,340	160
June.....	442,780	4,554,000	972,000	1,167,525	4,987,180	873
July.....	266,230	1,243,000	398,500	762,690	724,540	563
August.....	539,320	4,968,750	522,000	565,665	1,591,980	768
September.....	628,670	3,472,550	526,000	851,410	1,491,160	865
October.....	574,900	4,350,300	510,500	1,499,520	2,658,200	496
November.....	286,050	5,020,350	839,500	388,880	2,409,820	381
December.....	358,480	4,345,670	864,000	392,550	4,873,900	578

MONTHS.	SHIPMENTS, 1894.					
	Bacon, lbs.	D. S. Meats, loose, lbs.	D. S. Meats, boxed, lbs.	Hams, lbs.	Lard, lbs.	Pork, bbbls.
January.....	640,510	4,398,400	694,000	995,115	4,706,560	732
February.....	568,600	3,277,050	975,500	1,243,410	5,037,550	577
March.....	669,160	2,970,760	899,000	890,700	5,158,980	48
April.....	822,350	5,259,570	596,000	923,940	3,753,430	229
May.....	800,670	3,569,960	563,000	1,160,410	2,904,990	129
June.....	1,027,100	4,366,580	972,500	1,418,380	6,265,640	694
July.....	823,530	1,110,960	501,500	806,525	1,215,030	388
August.....	901,360	4,723,290	511,000	872,700	2,260,190	395
September.....	1,125,490	3,277,660	378,000	1,067,610	2,270,490	751
October.....	1,128,420	6,125,800	446,500	1,863,700	3,830,320	417
November.....	721,810	5,560,120	501,500	883,500	3,840,770	451
December.....	685,990	5,309,300	483,000	981,210	6,377,640	573

## MONTHLY MOVEMENT OF HOGS AND HOG PRODUCT.

Monthly receipts and shipments of Hogs and Hog Product, at Cincinnati, for the provision trade year ending October 31, 1895 :

MONTHS.	RECEIPTS, 1894-95.				SHIPMENTS, 1894-95.			
	Hogs, head.	Pork, bbls.	Lard, lbs.	Meats, lbs.	Hogs, head.	Pork, bbls.	Lard, lbs.	Meats, lbs.
November.....	129,809	381	2,409,820	6,534,780	43,503	451	3,840,770	7,666,930
December.....	127,031	578	4,873,900	5,460,700	54,897	573	6,377,640	7,459,500
January.....	106,021	616	4,546,120	4,527,070	40,278	519	6,475,740	6,562,360
February.....	66,954	393	1,805,740	5,380,273	20,405	304	3,670,660	6,237,595
March.....	66,566	625	3,924,640	6,570,588	21,260	486	5,200,700	8,519,980
April.....	62,535	334	2,540,080	7,270,834	22,477	309	3,660,910	8,366,840
May.....	72,638	572	2,546,260	7,342,812	20,920	567	3,493,040	7,970,170
June.....	64,561	192	2,170,880	6,387,233	21,462	130	4,023,580	7,624,870
July.....	45,267	753	1,710,780	9,518,300	18,387	905	2,742,170	10,144,650
August.....	43,222	715	2,289,920	11,728,342	17,354	464	2,538,840	11,847,420
September.....	51,682	201	1,773,320	9,699,360	20,588	150	2,258,960	10,143,391
October.....	91,222	564	2,671,000	11,678,155	39,694	693	3,514,100	12,114,719

Monthly receipts and shipments of Hogs and Hog Product, at Cincinnati, for the provision trade year ending October 31, 1894 :

MONTHS.	RECEIPTS, 1893-94.				SHIPMENTS, 1893-94.			
	Hogs, head.	Pork, bbls.	Lard, lbs.	Meats, lbs.	Hogs, head.	Pork, bbls.	Lard, lbs.	Meats, lbs.
November.....	109,966	730	1,015,220	4,466,290	62,094	713	1,630,010	4,895,950
December.....	126,760	657	1,833,120	3,632,140	65,442	550	3,288,880	4,571,370
January.....	133,376	785	3,129,640	6,218,473	71,911	732	4,706,560	6,728,025
February.....	64,064	601	4,109,200	5,543,560	28,519	577	5,037,550	6,064,560
March.....	63,243	302	4,029,980	5,120,317	24,335	83	5,158,980	5,429,620
April.....	69,404	300	2,190,930	7,016,580	28,328	229	3,753,430	7,601,860
May.....	60,374	160	2,055,340	5,388,380	20,162	129	2,904,990	6,094,040
June.....	64,089	873	4,987,180	7,136,305	19,591	694	6,265,040	7,784,560
July.....	34,650	563	724,540	2,660,420	11,271	386	1,215,030	3,242,515
August.....	48,255	768	1,591,980	6,595,735	15,190	395	2,260,190	7,068,350
September.....	47,932	865	1,491,160	5,456,630	18,932	751	2,270,490	5,848,760
October.....	73,840	496	2,658,200	6,935,220	31,959	417	3,930,320	9,564,420

## LIST OF CINCINNATI PACKERS.

The following is a list of Slaughterers and Curers of Hog Product, at Cincinnati, in the year 1895-96 :

Banner Packing and Provision Co.	Jacob Packing Co.	Ruttie-Schlickman Packing Co.
Dawson Blackmore & Co.	Joseph L. Jacob.	(Covington, Ky.)
Charles J. Brenner.	Joseph Knauber Sons.	A. Sander Packing Co.
Cincinnati Abattoir Co.	Maescher & Co.	Schrauder Packing Co.
Charles Davis & Co.	H. H. Meyer Packing Co.	J. & F. Schroth Packing Co.
Wm. H. Davis & Co.	James Morrison & Co.	M. D. Thompson & Co.
F. A. Hahn & Co.	J. Rawson & Sons.	Jacob Vogel & Son.
John Hoffmann.	John H. Remmers & Co.	Charles Weiss.
John Hoffmann's Sons.	John C. Roth Packing Co.	Geo. Zehler Provision Co.

## ANNUAL MOVEMENT OF HOGS AND HOG PRODUCT.

Annual receipts and shipments of Hogs and Hog Product, at Cincinnati, for years indicated, ending October 31:

YEARS.	RECEIPTS.				SHIPMENTS.			
	Hogs, head.	Pork, bbls.	Lard, lbs.	Meats, lbs.	Hogs, head.	Pork, bbls.	Lard, lbs.	Meats, lbs.
1873-74.....	1,113,331	7,279	16,921,080	35,963,598	396,803	46,357	40,936,125	124,342,241
1874-75.....	911,478	9,650	12,154,500	25,493,613	150,423	55,268	34,767,334	98,129,018
1875-76.....	882,618	5,924	13,680,311	23,789,708	185,621	54,892	34,927,861	97,649,782
1876-77.....	950,091	4,066	8,649,442	20,275,625	247,005	59,373	33,907,783	90,707,938
1877-78.....	1,069,146	3,189	9,435,791	18,617,937	231,929	67,611	43,559,859	93,447,945
1878-79.....	1,059,710	5,327	12,022,374	18,706,246	213,058	60,307	42,075,935	102,751,489
1879-80.....	903,959	2,547	8,302,052	28,088,216	249,527	44,544	30,452,460	89,810,886
1880-81.....	1,053,216	3,599	13,003,305	50,489,141	304,170	37,300	37,702,699	110,643,940
1881-82.....	649,786	6,268	7,332,441	46,009,486	135,877	19,926	25,471,520	87,759,290
1882-83.....	886,514	4,422	7,000,509	31,094,935	289,670	23,133	31,113,638	83,438,111
1883-84.....	877,715	4,258	8,320,167	54,609,763	304,670	19,450	25,428,589	92,803,745
1884-85.....	830,957	9,797	12,590,207	73,647,170	251,482	24,472	30,921,508	116,118,041
1885-86.....	877,678	14,781	13,953,287	95,610,802	218,960	22,060	33,419,765	130,408,414
1886-87.....	853,088	9,090	21,715,424	79,707,608	233,574	16,562	37,538,453	108,211,410
1887-88.....	774,461	7,042	14,635,671	59,196,661	255,283	11,059	26,085,428	86,783,182
1888-89.....	938,588	10,626	15,330,305	77,230,021	375,248	13,771	33,906,542	109,804,177
1889-90.....	1,091,490	7,479	14,093,127	78,307,395	504,527	9,015	32,237,279	103,184,699
1890-91.....	926,754	5,201	23,121,530	103,197,877	365,619	7,151	36,592,454	131,996,019
1891-92.....	1,162,497	11,793	24,179,890	94,985,737	567,346	12,880	38,976,665	122,062,341
1892-93.....	1,029,342	6,744	15,217,630	59,195,720	588,017	7,134	25,274,505	71,608,410
1893-94.....	1,065,064	7,100	29,816,490	66,170,050	566,795	5,656	42,422,020	74,894,030
1894-95.....	1,126,363	5,924	33,262,620	92,096,397	530,100	5,651	47,817,110	104,658,425

NOTE.—The Hog movement includes through shipments of 169,061 in 1893-94, and 197,873 in 1894-95.

## DAILY RECEIPTS AND SHIPMENTS OF HOGS.

Daily receipts and shipments of Hogs, November 1, 1894, to March 1, 1895:

DATES.	Receipts.	Shipm'ts.	DATES.	Receipts.	Shipm'ts.	DATES.	Receipts.	Shipm'ts.
November 1....	3,901	611	December 12....	5,650	3,621	January 23....	2,066	439
2....	3,962	815	13....	4,367	2,480	24....	1,378	894
3....	3,753	699	14....	3,055	2,590	25....	2,262	616
4-5....	4,425	1,920	15....	4,552	1,820	26....	2,156	448
6-7....	4,893	2,426	16-17....	6,421	2,056	27-28....	3,075	752
8....	4,681	1,669	18....	5,262	1,835	29....	2,755	894
9....	4,334	1,498	19....	7,728	1,833	30....	4,332	708
10....	2,920	1,091	20....	6,641	1,880	31....	4,116	1,041
11-12....	8,584	844	21....	5,282	2,882	February 1....	2,059	1,315
13....	4,811	1,499	22....	2,152	1,791	2....	1,264	1,311
14....	11,973	1,854	23-24-25-26....	6,663	3,647	3-4....	4,314	165
15....	8,918	1,978	27....	2,718	1,838	5....	1,097	1,626
16....	4,684	2,069	28....	3,132	2,056	6....	2,703	697
17....	2,842	2,689	29....	1,285	2,029	7....	1,881	490
18-19....	8,515	1,062	30-31....	4,194	1,398	8....	5,042	1,797
20....	3,036	1,175	January 1-2....	9,162	1,801	9....	3,002	1,143
21....	7,816	2,798	3....	7,923	3,349	10-11....	5,864	512
22....	3,896	1,935	4....	6,355	2,342	12....	2,085	895
23....	4,980	1,763	5....	2,525	1,906	13....	2,503	694
24....	2,907	1,593	6-7....	9,149	1,304	14....	2,093	1,184
25-26....	7,380	3,127	8....	2,344	2,881	15....	4,498	516
27....	4,711	2,714	9....	4,825	2,108	16....	2,897	1,003
28....	6,366	1,939	10....	3,356	2,774	17-18....	4,566	793
29-30....	5,521	3,735	11....	4,930	1,638	19....	2,662	156
December 1....	5,114	1,948	12....	2,179	2,132	20....	3,138	71
2-3....	7,572	2,282	13-14....	4,322	1,163	21....	2,309	785
4....	5,499	2,670	15....	4,361	2,174	22-23....	2,693	2,600
5....	13,017	1,789	16....	6,002	1,392	24-25....	3,964	500
6....	7,346	2,609	17....	5,530	1,982	26....	1,766	1,174
7....	3,973	2,575	18....	2,713	1,366	27....	2,173	261
8....	2,916	2,588	19....	2,149	617	28....	2,381	913
9-10....	9,584	1,926	20-21....	4,890	1,667			
11....	2,918	2,754	22....	1,167	1,900			

## PRICES OF HOGS.

Quotations for fair to good Packing Hogs, per 100 pounds, alive, on each day in the winter months, and on each Tuesday during the remainder of the year, at Cincinnati, for twelve months ending October 31, 1895, with comparisons:

DATES.	1894-95	1893-94	DATES.	1894-95	1893-94	DATES.	1894-95	1893-94
November 1..	\$4 45@4 70	\$5 75@6 00	December 23..	.....	.....	February 13..	\$4 20@4 40	\$5 25@5 40
2..	4 35@4 60	5 85@6 10	24..	.....	.....	14..	4 20@4 40	5 25@5 35
3..	4 35@4 55	5 85@6 10	25..	.....	.....	15..	4 05@4 20	5 00@5 20
4..	.....	6 00@6 20	26..	\$4 15@4 30	\$5 10@5 20	16..	4 05@4 20	5 05@5 25
5..	4 35@4 60	.....	27..	4 15@4 30	5 15@5 30	17..	.....	5 10@5 30
6..	.....	5 90@6 10	28..	4 20@4 40	5 10@5 25	18..	4 05@4 20	.....
7..	4 50@4 70	5 85@6 05	29..	4 30@4 50	5 15@5 30	19..	4 10@4 25	5 15@5 35
8..	4 45@4 65	5 65@5 90	30..	.....	.....	20..	4 05@4 20	5 10@5 35
9..	4 45@4 65	5 65@5 75	31..	4 50@4 70	5 20@5 35	21..	3 90@4 10	5 15@5 30
10..	4 45@4 65	5 75@5 95	January 1..	.....	.....	22..	.....	.....
11..	.....	5 65@5 90	2..	4 35@4 50	5 25@5 45	23..	4 05@4 25	5 10@5 25
12..	4 45@4 65	.....	3..	4 25@4 35	5 10@5 30	24..	.....	5 10@5 25
13..	4 50@4 75	5 50@5 70	4..	4 25@4 40	5 05@5 20	25..	4 15@4 30	.....
14..	4 35@4 65	5 60@5 80	5..	4 25@4 40	5 10@5 25	26..	4 10@4 25	5 10@5 25
15..	4 30@4 50	5 55@5 75	6..	.....	5 10@5 20	27..	4 10@4 20	5 05@5 20
16..	4 30@4 45	5 30@5 50	7..	4 10@4 30	.....	28..	4 15@4 30	5 00@5 20
17..	4 30@4 45	5 15@5 35	8..	4 15@4 30	5 10@5 20	March 5..	4 25@4 45	4 95@5 05
18..	.....	5 15@5 30	9..	4 25@4 40	5 20@5 30	12..	4 30@4 55	4 50@4 95
19..	4 35@4 55	.....	10..	4 25@4 40	5 20@5 35	19..	4 50@4 65	4 50@4 70
20..	4 35@4 55	5 15@5 35	11..	4 25@4 40	5 35@5 50	26..	4 95@5 15	4 65@4 85
21..	4 25@4 45	5 10@5 30	12..	4 25@4 40	5 30@5 50	April 2..	4 85@5 10	4 60@4 75
22..	4 30@4 45	5 00@5 15	13..	.....	5 20@5 40	9..	5 00@5 20	5 20@5 30
23..	4 30@4 45	5 15@5 35	14..	4 35@4 50	.....	16..	5 10@5 25	5 25@5 40
24..	4 30@4 45	5 20@5 40	15..	4 30@4 45	5 05@5 20	23..	4 90@5 10	5 10@5 25
25..	.....	5 25@5 45	16..	4 10@4 25	5 25@5 40	30..	4 75@4 90	5 25@5 35
26..	4 30@4 45	.....	17..	4 05@4 20	5 30@5 40	May 7..	4 75@4 90	5 20@5 30
27..	4 30@4 45	5 20@5 40	18..	4 05@4 20	5 25@5 40	14..	4 50@4 65	5 10@5 20
28..	4 40@4 55	5 15@5 40	19..	4 00@4 10	5 20@5 35	21..	4 60@4 75	4 85@4 95
29..	.....	.....	20..	.....	5 20@5 35	28..	4 50@4 60	4 75@4 85
30..	4 45@4 60	5 15@5 35	21..	4 00@4 15	.....	June 4..	4 50@4 60	4 60@4 70
December 1..	4 40@4 55	5 30@5 50	22..	4 00@4 15	5 30@5 45	11..	4 40@4 60	4 75@4 85
2..	.....	5 25@5 45	23..	4 15@4 25	5 45@5 60	18..	4 55@4 75	4 65@4 80
3..	4 40@4 60	.....	24..	4 25@4 35	5 40@5 55	25..	4 50@4 65	4 95@5 10
4..	4 40@4 55	5 15@5 35	25..	4 20@4 35	5 35@5 50	July 2..	4 75@4 90	5 10@5 25
5..	4 30@4 40	5 15@5 35	26..	4 30@4 40	5 35@5 50	9..	5 05@5 15	5 70@5 85
6..	4 25@4 35	5 10@5 30	27..	.....	5 25@5 45	16..	5 20@5 35	5 25@5 40
7..	4 25@4 40	5 15@5 30	28..	4 35@4 50	.....	23..	5 00@5 15	5 30@5 50
8..	4 25@4 40	5 15@5 35	29..	4 30@4 40	5 25@5 45	30..	5 00@5 15	5 25@5 40
9..	.....	5 15@5 35	30..	4 05@4 15	5 25@5 45	August 6..	4 85@4 95	5 30@5 50
10..	4 15@4 30	.....	31..	4 00@4 15	5 15@5 35	13..	4 65@4 75	5 30@5 45
11..	4 10@4 25	5 10@5 25	February 1..	4 00@4 15	5 15@5 35	20..	4 70@4 85	5 40@5 65
12..	4 15@4 25	5 10@5 30	2..	4 00@4 15	5 25@5 40	27..	4 45@4 60	5 60@5 90
13..	4 25@4 45	5 00@5 20	3..	.....	5 20@5 35	Sept. 3..	4 30@4 40	5 75@6 05
14..	4 35@4 45	5 05@5 25	4..	4 00@4 15	.....	10..	4 30@4 40	6 00@6 40
15..	4 25@4 45	5 10@5 25	5..	4 05@4 20	5 15@5 40	17..	4 25@4 35	5 40@5 95
16..	.....	5 10@5 25	6..	4 15@4 30	5 20@5 45	24..	4 25@4 35	5 30@5 75
17..	4 35@4 50	.....	7..	4 35@4 55	5 05@5 35	October 1..	4 25@4 40	5 20@5 50
18..	4 30@4 40	5 05@5 20	8..	4 40@4 60	5 05@5 25	8..	4 05@4 15	5 00@5 30
19..	4 25@4 35	5 05@5 20	9..	4 30@4 45	5 10@5 30	15..	4 05@4 20	4 90@5 15
20..	4 25@4 35	5 00@5 15	10..	.....	5 10@5 25	22..	3 70@3 80	4 50@4 75
21..	4 20@4 35	4 90@5 10	11..	4 00@4 15	.....	29..	3 65@3 80	4 40@4 60
22..	4 10@4 20	4 95@5 10	12..	4 05@4 20	5 10@5 25			

Average monthly prices of fair to good Packing Hogs, at Cincinnati, during winter seasons, in years indicated:

MONTHS.	1894-95	1893-94	1892-93	1891-92	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86	1884-85	1883-84
November.....	\$4 45	\$5 55	\$5 50	\$3 75	\$3 67	\$3 76	\$5 30	\$4 78	\$3 98	\$3 59	\$4 42	\$4 70
December.....	4 35	5 20	6 30	3 70	3 44	3 57	5 13	5 39	4 21	3 82	4 28	5 46
January.....	4 25	5 30	7 45	4 20	3 62	3 75	5 01	5 45	4 64	3 96	4 58	5 82
February.....	4 20	5 20	8 00	4 45	3 69	3 97	4 66	5 43	5 23	4 16	4 80	6 72
Average.....	\$4 30	\$5 30	\$6 80	\$4 05	\$3 60	\$3 76	\$5 02	\$5 26	\$4 51	\$3 88	\$4 52	\$5 64

## MOVEMENT OF LIVE STOCK.

Monthly and yearly receipts and shipments of Hogs, Cattle and Sheep, and average live weight, at the Cincinnati Union Stock Yards:

MONTHS.	HOGS.				CATTLE.				SHEEP.			
	Receipts.		Shipments.		Receipts.		Shipments.		Receipts.		Shipments.	
	1895	1894	1895	1894	1895	1894	1895	1894	1895	1894	1895	1894
January.....	98,080	79,506	38,528	33,899	14,417	14,028	3,303	4,011	16,343	15,460	5,521	6,878
February.....	60,346	49,644	19,124	23,103	11,952	11,212	2,260	2,720	14,663	7,351	3,433	381
March.....	57,844	52,152	21,066	21,187	12,644	10,679	2,838	3,671	9,804	7,525	1,569	263
April.....	55,676	58,417	21,714	24,060	15,548	12,004	3,442	2,604	12,652	13,970	1,518	3,951
May.....	64,787	49,530	20,741	16,964	18,761	12,245	5,842	3,201	41,894	36,257	22,257	22,130
June.....	57,101	50,371	20,809	16,178	14,433	12,107	4,611	6,276	123,461	136,399	106,201	122,135
July.....	38,285	25,885	16,009	10,177	15,681	11,396	3,810	1,677	132,604	130,112	103,065	112,384
August.....	38,397	34,743	16,806	13,334	14,392	12,742	3,421	4,487	104,654	130,354	89,559	114,154
September.....	41,921	36,808	19,883	17,536	16,500	14,141	3,896	4,783	49,036	54,436	29,408	36,680
October.....	80,366	61,715	35,178	28,883	18,321	18,606	4,355	6,175	45,741	45,491	26,536	28,823
November.....	114,467	112,385	50,844	42,195	13,751	13,305	3,852	4,740	24,552	22,920	11,875	10,549
December.....	110,367	112,693	55,207	53,717	13,284	11,391	3,373	2,995	22,103	21,182	10,684	10,625
Totals.....	820,637	723,849	335,909	301,203	179,684	154,456	44,473	47,340	597,507	621,457	410,616	468,958

YEARS.	HOGS.			CATTLE.			SHEEP.		
	Receipts.	Shipm'ts.	Weight.	Receipts.	Shipm'ts.	Weight.	Receipts.	Shipm'ts.	Weight.
1878-79.....	892,686	208,406	242.77	156,869	63,824	986.46	328,897	244,152	82.99
1879-80.....	785,849	218,185	243.86	180,921	76,950	981.60	350,992	263,252	80.80
1880-81.....	805,404	249,590	237.90	186,632	73,556	951.73	324,727	238,167	78.84
1881-82.....	623,546	155,417	240.47	173,404	61,762	898.05	579,428	484,443	79.85
1882-83.....	644,194	187,140	247.18	154,956	55,950	969.19	531,074	424,476	78.88
1883-84.....	693,066	252,450	228.10	156,197	49,278	984.68	485,333	361,127	80.50
1884-85.....	695,794	224,220	237.14	143,805	39,550	987.33	448,929	332,238	78.59
1885-86.....	631,695	182,085	239.17	161,479	50,755	980.04	469,629	348,891	78.18
1886-87.....	666,444	224,901	229.14	152,607	35,716	1,000.56	409,972	293,401	76.07
1887-88.....	655,508	234,621	217.87	157,045	37,328	988.09	340,438	238,891	77.22
1888-89.....	678,188	256,061	233.71	151,522	32,232	989.94	334,194	237,314	77.23
1889-90.....	727,017	306,487	212.71	165,256	45,696	998.31	305,642	218,238	75.44
1890-91.....	724,231	285,337	201.37	178,931	56,357	949.76	322,009	212,068	75.29
1891-92.....	635,591	260,843	197.22	175,361	51,676	941.67	311,973	184,531	73.13
1892.....	871,774	422,037	185.91	214,305	75,313	948.01	667,155	479,565	76.49
1893.....	712,816	363,299	189.67	191,620	58,769	926.81	584,322	459,763	76.58
1894.....	723,849	301,203	193.51	154,456	47,340	938.93	621,457	468,958	79.87
1895.....	820,637	335,909	203.33	179,684	44,473	920.75	597,507	410,616	77.33

Average weight of Hogs, Cattle and Sheep, weighed at the Union Stock Yards:

MONTHS.	HOGS.		CATTLE.		SHEEP.	
	1895	1894	1895	1894	1895	1894
January.....	212.72	205.29	948.15	919.60	88.31	86.94
February.....	201.44	183.31	950.17	944.96	85.67	85.00
March.....	192.56	178.46	937.00	971.86	83.33	75.34
April.....	179.97	172.55	922.93	962.56	76.46	77.99
May.....	184.89	177.15	925.79	938.04	75.60	72.78
June.....	192.05	188.21	927.23	946.93	70.73	72.82
July.....	198.96	191.24	908.01	952.54	71.39	72.73
August.....	198.80	192.25	891.55	925.68	75.71	75.21
September.....	206.18	192.15	875.89	899.74	81.71	77.71
October.....	206.74	204.26	903.98	915.27	89.74	85.58
November.....	215.30	215.89	936.31	945.91	91.58	86.79
December.....	218.48	221.41	937.53	944.07	93.54	89.60
Average for year.....	203.33	193.51	920.75	938.93	77.33	79.87



Monthly receipts and shipments of Hogs, Cattle and Sheep, at the several Stock Yards in Cincinnati and Covington, as indicated :

## PRICES OF CATTLE AND SHEEP BY GRADES.

GRADES.	1895	1894	1893	1892	1891	1890
<b>CATTLE.</b>						
Fair to good shipping, per cental gross...	\$3 65@4 25	\$4 00@4 65	\$3 75@4 50	\$4 00@4 65	\$4 00@4 75	\$3 60@4 60
Good to choice, " " .....	4 00@4 25	4 10@4 50	4 00@4 40	3 85@4 40	3 85@4 25	3 50@4 50
Fair to medium, " " .....	3 40@3 90	3 15@4 10	3 25@3 90	3 00@3 75	3 00@3 75	2 50@3 40
Common, " " .....	2 50@3 25	2 00@3 00	2 00@3 00	2 00@2 75	2 00@2 25	1 25@2 00
<b>SHEEP.</b>						
Extra, per cental gross .....	3 25@3 75	3 25@4 00	3 50	5 00	5 00	5 00
Good to choice, " " .....	2 25@3 00	2 25@3 00	2 75@3 25	4 00@4 75	4 25@4 75	4 00@4 75
Common to fair, " " .....	1 25@2 00	1 25@2 00	1 50@2 50	2 75@3 75	3 00@4 00	2 50@3 75

## MOVEMENT OF LIVE STOCK.

Total yearly movement of Hogs, Cattle and Sheep, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently:

YEARS.	HOGS.		CATTLE.		SHEEP.	
	Received.	Shipped.	Received.	Shipped.	Received.	Shipped.
1868-69.....	497,558	71,491	107,813	40,185	117,548	31,353
1869-70.....	479,640	47,534	107,167	54,681	90,205	35,581
1870-71.....	650,935	62,171	125,771	53,278	134,902	51,109
1871-72.....	1,015,885	159,390	169,855	76,866	187,522	68,541
1872-73.....	1,119,482	265,385	149,629	53,385	131,633	62,755
1873-74.....	1,121,707	290,094	199,426	79,551	240,161	101,975
1874-75.....	920,889	149,264	227,450	108,438	278,102	172,007
1875-76.....	887,484	185,206	243,503	98,322	355,848	278,320
1876-77.....	982,992	232,526	202,726	98,900	246,188	210,220
1877-78.....	1,043,334	225,676	173,987	80,564	382,493	286,961
1878-79.....	1,067,453	240,217	182,954	82,416	404,574	329,578
1879-80.....	976,741	245,773	229,451	105,486	525,554	400,697
1880-81.....	1,017,061	272,834	229,776	103,387	444,722	310,634
1881-82.....	731,408	134,519	241,671	96,014	804,418	629,269
1882-83.....	886,223	242,045	218,425	94,205	701,717	522,505
1883-84.....	879,989	323,638	197,176	71,724	592,974	445,418
1884-85.....	823,691	257,639	170,147	58,585	540,282	373,128
1885-86.....	779,956	215,025	199,344	71,606	565,292	382,983
1886-87.....	835,247	279,400	186,110	60,611	566,921	426,052
1887-88.....	792,964	261,030	206,573	70,530	608,976	412,095
1888-89.....	935,859	372,744	196,558	68,885	564,898	409,081
1889-90.....	1,048,189	481,801	222,345	92,804	529,016	412,056
1890-91.....	945,653	371,823	245,727	113,627	637,950	519,534
1891-92.....	1,121,186	517,980	254,539	119,887	709,305	561,560
1892.....	1,099,185	562,168	253,027	123,972	705,023	556,267
1893.....	1,062,875	611,303	227,003	97,567	686,137	545,793
1894.....	916,117	368,603	212,613	81,442	671,165	487,884
1895.....	952,246	383,500	208,890	72,001	692,482	413,507

NOTE.—Figures for 1894 and 1895 are exclusive of through movement.

## STOCK YARDS RECEIPTS OF LIVE STOCK.

Receipts of Hogs, Cattle and Sheep, at the several Stock Yards at Cincinnati, for the year ending December 31, 1895, and aggregate receipts of Live Stock, with totals for previous commercial years:

YARDS.	HOGS.	CATTLE.	SHEEP.	AGGREGATE.
Cincinnati Union.....	820,637	179,684	597,507	1,597,828
Slimer's.....	59,074	4,825	18,522	82,421
Eggleston Avenue.....	30,047	46	907	31,000
Covington.....	15,821	6,973	11,435	34,229
Banner.....	422	498	299	1,219
Total, 12 months, 1895.....	926,001	192,026	628,670	1,746,697
1894.....	858,497	169,085	662,918	1,690,500
1893.....	892,688	206,761	615,248	1,714,697
1891-92.....	1,052,208	240,743	711,219	2,004,170
1890-91.....	930,668	216,622	625,817	1,773,107
1889-90.....	910,651	200,222	484,665	1,595,538
1888-89.....	906,501	199,712	522,338	1,628,551
1887-88.....	804,837	210,540	555,399	1,570,776
1886-87.....	855,712	200,128	602,505	1,658,345
1885-86.....	779,956	199,344	565,262	1,544,562
1884-85.....	823,691	170,147	540,282	1,534,120

## PRICES OF CATTLE AND SHEEP.

Quotations for Cattle, fair to medium quality, and Sheep, good to extra quality, per 100 pounds, alive, at Cincinnati, on Tuesday of each week, in three years:

CATTLE.				SHEEP.			
DATES.	1895	1894	1893	DATES.	1895	1894	1893
January 1.	\$3 25@4 00	\$3 25@3 90	\$3 85@4 40	January 1.	\$2 25@4 00	\$2 75@3 50	\$4 00@5 00
8.	3 25@4 00	3 00@3 90	3 25@4 00	8.	2 75@3 60	3 25@4 00	4 50@5 50
15.	3 25@4 00	3 00@3 75	3 25@4 00	15.	3 00@4 00	2 75@3 75	4 25@5 50
22.	3 25@3 90	2 75@3 75	3 25@4 00	22.	3 00@4 00	2 75@3 75	4 25@5 50
29.	3 25@4 00	3 00@3 85	3 25@4 00	29.	3 25@4 25	3 00@3 85	4 25@5 50
February 5.	3 15@4 00	2 90@3 65	3 25@4 00	February 5.	3 25@4 50	3 00@3 75	4 50@5 50
12.	3 40@4 10	2 85@3 65	3 75@4 50	12.	3 50@4 50	2 75@3 50	4 75@5 75
19.	3 40@4 15	2 60@3 50	3 25@4 00	19.	3 50@4 50	3 00@3 75	4 50@5 50
26.	3 40@4 15	2 60@3 50	3 25@4 00	26.	3 25@4 50	3 00@3 75	4 25@5 25
March 5.	3 65@4 35	2 60@3 50	3 25@4 00	March 5.	3 25@4 50	2 85@3 65	4 50@5 25
12.	3 75@4 40	2 75@3 65	3 25@3 90	12.	3 50@4 50	3 00@3 75	4 75@5 50
19.	4 00@4 65	2 60@3 40	3 25@4 00	19.	3 75@4 50	3 00@3 75	4 50@5 50
26.	4 00@4 75	2 50@3 40	3 50@4 25	26.	3 75@4 50	3 00@3 75	4 50@5 25
April 2.	4 10@4 95	2 65@3 50	3 25@4 15	April 2.	3 75@4 50	3 35@4 00	4 75@5 50
9.	4 00@4 80	3 00@3 75	3 50@4 25	9.	3 75@4 75	3 75@4 35	4 75@5 50
16.	4 00@4 75	3 00@3 65	3 75@4 40	16.	3 50@4 75	3 85@4 50	4 75@5 50
23.	4 00@4 75	3 10@3 75	3 75@4 50	23.	3 75@4 50	3 50@4 25	5 00@6 00
30.	3 85@4 60	3 35@3 85	3 75@4 50	30.	3 50@4 25	3 25@4 25	4 75@5 75
May 7.	3 85@4 80	3 40@3 95	3 75@4 50	7.	3 50@4 25	3 25@4 25	5 00@5 75
14.	4 00@4 65	3 35@3 90	3 50@4 40	14.	3 50@4 50	3 25@4 25	4 75@5 75
21.	4 00@4 75	3 15@3 75	3 50@4 25	21.	3 50@4 40	3 25@4 25	4 50@5 50
28.	3 75@4 40	3 15@3 75	3 50@4 25	28.	3 25@4 00	3 15@4 15	4 25@5 40
June 4.	3 75@4 50	3 15@3 75	3 50@4 25	June 4.	2 75@3 75	3 00@4 00	4 25@5 40
11.	3 50@4 25	3 40@3 75	3 55@4 25	11.	2 50@3 50	2 75@3 75	4 00@5 00
18.	3 50@4 25	3 10@3 70	3 25@4 25	18.	2 50@3 50	2 50@3 50	4 00@5 00
25.	3 50@4 25	3 00@3 60	3 25@4 15	25.	2 50@3 50	2 25@3 40	4 00@5 00
July 2.	3 50@4 25	3 50@4 00	3 25@4 10	July 2.	2 50@3 60	2 75@3 50	4 00@5 00
9.	3 50@4 40	3 35@3 90	3 25@4 10	9.	2 50@3 75	2 25@3 25	3 75@5 00
16.	3 25@4 25	3 10@3 50	3 00@3 85	16.	2 75@3 75	2 25@3 35	3 50@4 75
23.	3 25@4 25	3 10@3 60	3 10@3 75	23.	2 75@4 00	2 50@3 50	3 50@4 75
30.	3 50@4 50	3 10@3 65	3 25@3 90	30.	2 65@3 75	2 25@3 50	3 25@4 50
August 6.	3 50@4 40	3 10@3 65	2 85@3 50	6.	2 25@3 75	2 50@3 50	3 25@4 40
13.	3 50@4 25	2 75@3 25	3 10@3 75	13.	2 25@3 75	2 50@3 50	3 00@4 25
20.	3 25@4 25	2 75@3 25	3 00@3 75	20.	2 00@3 75	2 25@3 50	2 75@4 00
27.	3 50@4 50	3 00@3 75	2 75@3 50	27.	2 00@3 75	1 75@2 60	2 75@4 00
September 3.	3 50@4 40	3 00@3 75	3 00@3 65	September 3.	2 00@3 75	2 25@3 25	3 00@4 00
10.	3 75@4 60	3 00@3 85	2 75@3 50	10.	2 00@3 75	2 25@3 50	2 75@3 75
17.	4 25@4 50	3 25@3 90	2 85@3 65	17.	2 50@4 50	2 50@3 50	2 75@3 75
24.	3 35@4 25	3 25@3 90	3 00@3 70	24.	2 25@4 00	2 50@3 75	3 00@3 75
October 1.	3 35@4 15	3 00@3 85	3 00@3 75	October 1.	2 00@4 00	2 25@3 40	3 25@4 00
8.	3 25@3 85	3 00@3 75	3 00@3 75	8.	1 75@3 65	2 25@3 75	3 00@3 75
15.	3 25@4 00	3 00@3 75	3 00@3 75	15.	1 75@3 75	2 25@3 50	2 75@3 50
22.	3 25@4 00	2 75@3 60	3 00@3 75	22.	2 00@3 75	2 00@3 00	2 75@3 25
29.	3 25@3 90	2 75@3 65	3 00@3 75	29.	2 00@3 75	1 75@2 75	2 75@3 25
November 5.	3 25@3 85	3 00@3 90	3 00@3 80	November 5.	2 00@3 50	2 25@3 00	2 75@3 75
12.	3 25@3 75	3 00@3 75	3 00@3 75	12.	2 00@3 25	2 00@2 75	2 50@3 50
19.	3 25@3 75	3 00@3 75	3 15@3 85	19.	2 00@3 50	1 50@2 25	2 75@3 50
26.	3 25@3 75	3 00@3 85	3 25@3 90	26.	2 00@3 50	1 75@2 75	2 75@3 50
December 3.	3 25@3 75	3 00@3 90	3 15@3 90	December 3.	2 00@3 25	2 00@3 00	2 75@3 50
10.	3 10@3 40	3 00@3 90	3 00@3 75	10.	2 00@3 50	2 00@3 50	2 50@3 50
17.	3 10@3 40	3 25@4 00	3 25@3 90	17.	2 00@3 50	2 50@4 00	3 00@3 65
24.	3 25@3 65	3 00@3 85	3 25@3 90	24.	2 00@3 25	2 25@4 00	2 50@3 50
31.	3 40@3 90	3 25@4 00	3 25@3 90	31.	2 25@3 75	2 25@4 00	2 75@3 50

## EXPORTS OF LIVE STOCK.

Exports of Live Stock from the United States, for years ending June 30:

KINDS.	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885
Cattle .....	331,722	359,278	287,094	394,607	374,679	394,836	205,786	140,208	106,459	119,065	135,890
Sheep .....	405,748	132,370	37,260	46,960	60,947	67,521	128,852	143,817	121,701	177,594	234,509
Hogs .....	7,180	1,553	27,375	31,963	95,654	91,148	45,128	23,755	75,383	74,187	55,025

## CINCINNATI PORK PACKING.

Details of Pork Packing, at Cincinnati, for the year ending March 1, 1896, with comparisons for the preceding year, in accordance with the report of the Superintendent of the Cincinnati Chamber of Commerce:

WINTER PACKING. NOVEMBER 1 TO MARCH 1—FOUR MONTHS.			SUMMER PACKING. MARCH 1 TO NOVEMBER 1—EIGHT MONTHS.		
ARTICLES.	1895-96	1894-95	ARTICLES.	1895	1894
Number of Hogs packed.....	249,640	265,735	Number of Hogs packed.....	310,140	271,055
Decrease.....	16,095		Increase.....	39,085	
Average live weight, lbs.....	233.46	235.57	Average live weight, lbs.....	220.24	214.19
Decrease.....	2.11		Increase.....	6.05	
Average yield of Lard, lbs.....	36.54	43.76	Average yield of Lard, lbs.....	41.25	44.55
Decrease.....	7.22		Decrease.....	3.30	
Percentage yield of Lard, lbs.....	15.65	18.57	Percentage yield of Lard, lbs.....	18.73	20.80
Decrease.....	2.92		Decrease.....	2.07	
Cost of Hogs, 100 lbs.....	\$3 71	\$4 35	Cost of Hogs, 100 lbs.....	\$4 53	\$5 22
Decrease.....	64		Decrease.....	69	
Aggregate live weight, lbs.....	58,282,000	62,598,000	Aggregate live weight, lbs.....	68,306,000	58,057,000
Decrease.....	4,316,000		Increase.....	10,249,000	
Green Sides, etc., made, lbs.....	19,816,000	20,081,000	Green Sides, etc., made, lbs.....	21,858,000	17,998,000
Green Hams made, lbs.....	6,411,000	6,886,000	Green Hams made, lbs.....	7,514,000	6,386,000
Green Shoulders made, lbs.....	5,828,000	5,634,000	Green Shoulders made, lbs.....	6,147,000	4,645,000
Total Green Meats, lbs.....	32,055,000	32,551,000	Total Green Meats, lbs.....	35,519,000	29,029,000
Mess Pork made, bbls.....	128	100	Mess Pork made, bbls.....	51	.....
Other Pork made, bbls.....	219	528	Other Pork made, bbls.....	40	75
Total Pork made, bbls.....	347	628	Total Pork made, bbls.....	91	75
Total Lard made, lbs.....	9,122,000	11,628,000	Total Lard made, lbs.....	12,792,000	12,075,000
Tierces of Lard, 330 lbs.....	27,642	35,236	Tierces of Lard, 330 lbs.....	38,764	36,576
Aggregate cost of Hogs.....	\$2,164,000	\$2,723,000	Aggregate cost of Hogs.....	\$3,085,000	\$3,080,000

Total number of Hogs packed, at Cincinnati, each year, ending March 1, for years indicated:

1876-77.....644,749	1881-82.....508,548	1886-87.....479,525	1891-92.....484,178
1877-78.....766,718	1882-83.....507,316	1887-88.....475,418	1892-93.....456,396
1878-79.....778,101	1883-84.....489,634	1888-89.....440,629	1893-94.....382,818
1879-80.....684,493	1884-85.....513,016	1889-90.....464,556	1894-95.....536,790
1880-81.....632,981	1885-86.....467,464	1890-91.....523,810	1895-96.....559,780

Average Live Weight and yield of Lard of all kinds of Hogs packed, at Cincinnati, during winter seasons:

YEARS.	Weight.	Lard.	YEARS.	Weight.	Lard.	YEARS.	Weight.	Lard.
1866-67.....	290.35	40.67	1876-77.....	274.71	38.20	1886-87.....	265.45	35.06
1867-68.....	262.71	33.56	1877-78.....	284.06	40.96	1887-88.....	249.58	32.51
1868-69.....	267.96	33.55	1878-79.....	270.58	36.84	1888-89.....	270.10	37.85
1869-70.....	282.91	36.16	1879-80.....	266.31	36.18	1889-90.....	255.28	37.90
1870-71.....	298.80	42.62	1880-81.....	268.37	39.46	1890-91.....	237.20	32.03
1871-72.....	289.20	41.02	1881-82.....	263.93	36.79	1891-92.....	242.89	36.00
1872-73.....	304.90	45.67	1882-83.....	275.61	37.07	1892-93.....	228.60	33.70
1873-74.....	280.70	39.70	1883-84.....	262.08	34.13	1893-94.....	239.25	34.56
1874-75.....	278.25	41.77	1884-85.....	265.91	34.69	1894-95.....	235.57	43.76
1875-76.....	273.68	37.80	1885-86.....	272.22	36.08	1895-96.....	233.46	36.54

## CINCINNATI PACKING COMPARISONS.

Total number of Hogs packed, at Cincinnati, each winter season, in sixty-three years, as indicated:

YEARS.	Winter.	YEARS.	Winter.	YEARS.	Winter.	YEARS.	Winter.
1832-33.....	85,000	1848-49.....	410,000	1864-65.....	350,600	1880-81.....	522,425
1833-34.....	123,000	1849-50.....	393,000	1865-66.....	354,079	1881-82.....	384,878
1834-35.....	162,000	1850-51.....	334,000	1866-67.....	462,610	1882-83.....	425,400
1835-36.....	123,000	1851-52.....	352,000	1867-68.....	366,831	1883-84.....	365,451
1836-37.....	103,000	1852-53.....	361,000	1868-69.....	356,555	1884-85.....	385,435
1837-38.....	182,000	1853-54.....	431,000	1869-70.....	337,330	1885-86.....	332,696
1838-39.....	190,000	1854-55.....	355,786	1870-71.....	481,560	1886-87.....	331,401
1839-40.....	95,000	1855-56.....	405,396	1871-72.....	630,301	1887-88.....	309,588
1840-41.....	160,000	1856-57.....	344,512	1872-73.....	626,305	1888-89.....	300,062
1841-42.....	220,000	1857-58.....	446,677	1873-74.....	581,253	1889-90.....	271,513
1842-43.....	250,000	1858-59.....	382,826	1874-75.....	560,164	1890-91.....	301,064
1843-44.....	240,000	1859-60.....	434,499	1875-76.....	563,359	1891-92.....	288,546
1844-45.....	196,000	1860-61.....	433,799	1876-77.....	523,576	1892-93.....	204,410
1845-46.....	305,000	1861-62.....	474,467	1877-78.....	632,302	1893-94.....	189,308
1846-47.....	250,000	1862-63.....	608,457	1878-79.....	623,584	1894-95.....	265,785
1847-48.....	475,000	1863-64.....	370,623	1879-80.....	534,559	1895-96.....	249,640

Total number of Hogs packed, at Cincinnati, each summer season, March 1 to November 1, for years indicated:

1872.....	94,260	1878.....	154,517	1884.....	127,581	1890.....	222,756
1873.....	88,395	1879.....	149,964	1885.....	134,768	1891.....	195,625
1874.....	136,153	1880.....	110,556	1886.....	148,124	1892.....	251,986
1875.....	118,785	1881.....	123,670	1887.....	165,830	1893.....	192,910
1876.....	121,173	1882.....	81,916	1888.....	140,547	1894.....	271,065
1877.....	134,416	1883.....	124,183	1889.....	193,043	1895.....	310,140

## LIVE STOCK IN THE UNITED STATES.

Compilation from reports of the Department of Agriculture showing number of Cattle, Sheep and Swine in the United States, with aggregates for each year, for the month of January in years indicated:

YEARS.	MILCH COWS.	OTHER CATTLE.	TOTAL CATTLE.	TOTAL SHEEP.	TOTAL SWINE.	AGGREGATE NUMBER.
1878.....	11,300,100	19,223,300	30,523,400	35,740,500	32,262,500	96,526,400
1879.....	11,826,400	21,408,100	33,234,500	38,123,800	34,766,200	106,124,500
1880.....	12,027,000	21,231,000	33,258,000	40,765,900	34,034,100	108,058,000
1881.....	12,368,653	20,937,702	33,306,355	43,576,899	36,227,603	113,110,887
1882.....	12,611,632	23,280,238	35,891,870	45,016,224	44,122,200	125,030,284
1883.....	13,125,685	28,046,077	41,171,762	49,237,291	43,270,086	133,679,199
1884.....	13,501,206	29,046,161	42,547,367	50,626,626	44,200,893	137,374,833
1885.....	13,904,722	29,866,573	43,771,295	50,390,243	45,142,657	139,274,127
1886.....	14,235,388	31,275,242	45,510,630	48,322,331	46,092,043	139,925,003
1887.....	14,522,083	33,511,750	48,033,833	44,759,314	44,612,836	137,405,989
1888.....	14,856,414	34,378,363	49,234,777	43,544,755	44,346,525	137,126,066
1889.....	14,298,625	35,032,417	50,331,042	42,599,079	50,301,592	143,231,713
1890.....	15,952,883	36,849,024	52,801,907	44,336,072	51,602,780	148,740,753
1891.....	16,019,591	36,875,648	52,895,239	43,431,136	50,625,106	146,951,489
1892.....	16,416,351	37,651,239	54,067,590	44,938,365	52,398,019	151,408,974
1893.....	16,424,087	35,954,196	52,378,283	47,253,553	46,094,807	145,726,615
1894.....	16,487,400	36,608,168	53,095,568	45,048,017	45,206,498	143,350,044
1895.....	16,504,629	34,364,216	50,868,845	42,294,064	44,165,716	137,328,625
1896.....	16,137,586	32,085,409	48,222,995	38,298,783	42,842,759	129,364,537

## WINTER PACKING AT PROMINENT CITIES.

The following shows the Number of Hogs Packed in each of the larger cities mentioned, and totals for all other places, with the average Live Weight of Hogs, per head, Yield of Lard, and Cost per 100 pounds gross, for the period from November 1 to March 1, with comparisons, according to special investigations and compilations of the *Cincinnati Price Current*:

LOCALITIES.	Number of Hogs Packed.		Average Live Weight.		Average Yield of Lard.		Average Cost per 100 lbs.	
	1895-96	1894-95	1895-96	1894-95	1895-96	1894-95	1895-96	1894-95
Chicago, Ill.....	2,375,470	2,475,468	248.59	246.61	38.75	37.70	\$3 81	\$4 36
Kansas City, Mo.....	869,273	884,652	243.53	234.29	36.59	33.26	3 57	4 16
South Omaha, Neb.....	417,098	534,834	268.25	208.95	39.21	30.18	3 55	4 13
St. Louis, Mo.....	387,697	373,165	224.73	223.61	32.02	31.55	3 68	4 28
Indianapolis, Ind.....	336,492	307,610	213.60	225.97	32.94	33.36	3 62	4 34
Cincinnati, Ohio.....	249,640	265,735	233.46	235.57	36.54	43.76	3 71	4 35
Milwaukee, Wis.....	178,229	160,477	243.91	228.22	30.61	28.99	3 67	4 46
Cudahy, Wis.....	189,352	188,363	239.50	224.00	27.50	26.00	3 68	4 35
Cleveland, Ohio.....	186,752	186,890	190.00	188.00	26.00	26.00	3 85	4 40
St. Paul, Minn.....	147,921	189,950	225.00	230.00	32.00	32.00	3 65	4 15
Cedar Rapids, Iowa.....	142,105	159,202	244.00	226.00	34.00	30.00	3 52	4 15
Ottumwa, Iowa.....	137,813	161,000	226.00	218.00	30.00	29.00	3 50	4 15
Louisville, Ky.....	128,537	136,898	224.21	227.91	30.73	27.01	3 67	4 39
St. Louis, Mo.....	95,000	142,000	264.00	220.00	40.00	30.00	3 46	4 15
Detroit, Mich.....	89,386	71,950	211.00	215.13	28.00	30.00	3 80	4 35
St. Joseph, Mo.....	80,500	140,106	265.00	240.00	40.00	31.00	3 45	4 15
Nebraska City, Neb.....	73,792	71,320	278.00	235.00	39.00	31.44	3 53	4 15
Des Moines, Iowa.....	62,720	50,010	256.00	222.00	39.00	32.00	3 50	4 09
Keokuk, Iowa.....	49,420	59,022	235.00	215.00	33.00	29.50	3 50	4 19
Lincoln, Neb.....	31,960	29,500	249.00	215.00	33.00	24.00	3 51	4 00
All Other.....	586,646	603,368	231.95	234.48	32.17	31.55	3 62	4 25
Aggregates, etc.....	6,815,800	7,191,520	240.71	232.73	35.53	33.62	\$3 68	\$4 28

## YEARLY PACKING AT PROMINENT CITIES.

Total number of Hogs packed in the West, at the fifteen cities mentioned, for twelve months ending March 1, with comparisons for previous years, according to compilations of the *Cincinnati Price Current*:

LOCALITIES.	1895-96	1894-95	1893-94	1892-93	1891-92	1890-91	1889-90	1888-89
Chicago, Ill.....	5,490,410	5,293,202	4,219,567	4,352,095	5,249,798	6,071,659	4,473,467	3,218,415
Kansas City, Mo.....	2,104,213	2,105,333	1,473,223	1,695,145	1,813,066	2,398,764	1,708,548	1,569,119
Omaha, Neb.....	1,002,800	1,550,821	1,023,261	1,124,723	1,288,772	1,527,871	1,052,736	940,764
St. Louis, Mo.....	837,377	869,458	578,873	530,634	664,188	648,100	739,602	682,437
Indianapolis, Ind.....	675,340	683,256	510,813	539,198	607,002	736,233	640,303	513,002
Cincinnati, Ohio.....	359,780	536,790	382,818	456,396	484,173	523,810	464,556	440,629
Milwaukee and Cudahy, Wis.....	717,314	702,877	345,896	387,977	576,563	718,725	582,031	459,079
Cleveland, Ohio.....	432,752	453,108	405,124	449,061	303,282	424,592	284,176	236,338
St. Paul, Minn.....	348,035	380,404	229,278	218,982	276,246	335,408	299,498	304,946
Cedar Rapids, Iowa.....	347,904	353,808	313,141	299,945	429,056	581,074	421,408	303,656
Ottumwa, Iowa.....	335,053	385,400	225,000	254,244	241,600	317,300	256,348	191,327
Louisville, Ky.....	238,162	282,273	217,947	213,264	161,365	211,815	173,512	210,506
St. Joseph, Mo.....	215,500	417,291	261,500	266,000	155,000	183,000	188,000	116,000
St. Louis, Mo.....	190,000	335,320	200,900	313,973	255,068	655,293	608,514	452,382
Nebraska City, Neb.....	125,590	233,576	179,182	121,983	197,423	267,348	197,887	141,819
Totals.....	13,620,230	14,562,917	10,566,523	11,223,640	12,702,602	15,600,992	12,090,586	9,783,439
All Other.....	1,390,403	1,440,728	1,038,483	1,166,990	1,755,012	2,112,142	1,454,717	1,013,535
Aggregates.....	15,010,633	16,003,645	11,605,006	12,390,630	14,457,614	17,713,134	13,545,303	10,796,974

NOTE.—The following totals represent additional localities the past year: Detroit, 185,831; Pittsburgh, 113,000; Des Moines, 101,331; Marshalltown, 91,882; Clinton, 67,100; Wichita, 64,911; Peoria, 60,355; Bloomington, 56,376; Quincy, 55,229; Lincoln, 56,960; Denver, 49,000.

## YEARLY COMPARISONS OF PORK PACKING.

Total number of Hogs packed in the West during the summer and winter seasons, and for twelve months ending March 1, with yearly production of Green Meats and Lard, and aggregate cost of Hogs, according to special reports of the *Cincinnati Price Current*:

YEARS.	Summer Season.	Winter Season.	Year ending March 1.	Green Meats Produced.	Total Lard Produced.	Total Cost of Hogs.
1874-75	1,200,444	5,566,226	6,766,670	993,747,000	231,180,000	\$112,943,000
1875-76	1,262,343	4,890,195	6,142,478	900,407,000	208,831,000	116,407,000
1876-77	2,307,866	5,101,308	7,409,174	1,068,450,000	243,919,000	115,965,000
1877-78	2,543,120	6,505,446	9,048,566	1,368,612,000	336,557,000	106,418,000
1878-79	3,378,044	7,480,648	10,858,792	1,579,311,000	408,702,000	94,980,000
1879-80	4,051,248	6,950,451	11,001,699	1,556,516,000	382,020,000	119,362,000
1880-81	5,323,898	6,919,456	12,243,354	1,694,253,000	409,875,000	134,944,000
1881-82	4,803,689	5,747,760	10,551,449	1,468,368,000	363,772,000	154,422,000
1882-83	3,210,787	6,132,212	9,342,999	1,315,056,000	316,063,000	154,100,000
1883-84	3,781,086	5,402,064	9,183,100	1,280,065,000	318,472,000	122,388,000
1884-85	4,058,868	6,400,240	10,519,108	1,497,357,000	364,375,000	124,754,000
1885-86	4,964,572	6,298,995	11,263,567	1,577,982,000	390,740,000	106,053,000
1886-87	5,644,003	6,439,009	12,083,012	1,619,126,000	394,118,000	119,985,000
1887-88	5,611,526	5,921,181	11,532,707	1,518,677,000	357,755,000	133,037,000
1888-89	5,315,122	5,483,852	10,798,974	1,499,251,000	359,927,000	140,903,000
1889-90	6,881,501	6,663,802	13,545,303	1,885,424,000	489,727,000	134,169,000
1890-91	9,540,008	8,173,126	17,713,134	2,371,376,000	618,732,000	158,445,000
1891-92	6,696,398	7,761,216	14,457,614	1,907,908,000	479,045,000	141,698,000
1892-93	7,757,110	4,633,520	12,390,630	1,537,111,000	388,985,000	155,766,000
1893-94	6,720,924	4,884,082	11,605,006	1,583,703,000	409,052,000	166,090,000
1894-95	8,812,125	7,191,520	16,003,645	2,072,195,000	533,055,000	172,679,000
1895-96	8,194,835	6,815,800	15,010,635	1,958,255,000	513,467,000	142,268,000

## WINTER PACKING COMPARISONS.

Total number of Hogs packed in the West during winter season, and cost of Hogs, per 100 pounds, live weight, according to special reports of the *Cincinnati Price Current* since 1849, and other data previously mentioned:

YEARS.	Number of Hogs Packed.	Cost per 100 lbs.	YEARS.	Number of Hogs Packed.	Cost per 100 lbs.
1844-45	790,000	\$2 65	1870-71	3,695,251	\$5 26
1845-46	940,000	3 90	1871-72	4,831,558	4 12
1846-47	825,000	2 85	1872-73	5,410,314	3 73
1847-48	1,710,000	2 60	1873-74	5,466,200	4 34
1848-49	1,560,000	3 75	1874-75	5,566,226	6 66
1849-50	1,652,220	2 13	1875-76	4,880,135	7 05
1850-51	1,332,867	3 00	1876-77	5,105,308	5 74
1851-52	1,182,846	3 56	1877-78	6,505,446	3 99
1852-53	2,201,110	4 81	1878-79	7,480,648	2 85
1853-54	2,534,770	3 35	1879-80	6,950,451	4 18
1854-55	2,124,404	3 37	1880-81	6,919,456	4 64
1855-56	2,489,502	4 60	1881-82	5,747,760	6 06
1856-57	1,818,468	4 75	1882-83	6,132,212	6 28
1857-58	2,210,778	3 89	1883-84	5,402,064	5 18
1858-59	2,465,552	5 02	1884-85	6,460,240	4 29
1859-60	2,350,822	4 73	1885-86	6,298,995	3 66
1860-61	2,155,702	4 57	1886-87	6,439,009	4 19
1861-62	2,893,666	3 42	1887-88	5,921,181	5 04
1862-63	4,069,520	3 36	1888-89	5,483,852	4 99
1863-64	3,251,105	5 36	1889-90	6,663,802	3 66
1864-65	2,422,779	11 46	1890-91	8,173,126	3 54
1865-66	1,785,955	9 34	1891-92	7,761,216	3 91
1866-67	2,490,791	5 78	1892-93	4,633,520	6 54
1867-68	2,781,084	6 36	1893-94	4,884,082	5 26
1868-69	2,499,873	8 18	1894-95	7,191,520	4 28
1869-70	3,635,312	9 22	1895-96	6,815,800	3 68

## WINTER PACKING IN THE WEST.

Number of Hogs packed in the West during the winter season, November 1 to March 1, 1895-96, with comparisons for corresponding period in the preceding year, according to compilations of the *Cincinnati Price Current*:

LOCALITIES.	1895-96	1894-95	LOCALITIES.	1895-96	1894-95
<b>OHIO.</b>			<b>KANSAS.</b>		
CINCINNATI.....	249,640	265,785	Leavenworth.....	5,500	5,000
Circleville.....	3,046	5,237	Topeka.....	10,150	.....
Cleveland.....	186,752	186,800	Wichita.....	31,000	25,000
Dayton.....	15,000	15,000	Total, Kansas.....	46,650	30,000
Fremont.....	.....	4,433	<b>NEBRASKA.</b>		
Hamilton.....	3,800	3,000	SOUTH OMAHA.....	417,098	534,834
Lancaster.....	3,000	2,500	Lincoln.....	31,960	29,500
New Bremen.....	1,200	3,000	Nebraska City.....	78,792	71,320
Sandusky.....	2,500	2,000	Total, Nebraska.....	522,845	635,654
Sidney.....	.....	1,700	Exclusive of South Omaha.....	105,752	100,820
Springfield.....	3,500	3,380	<b>MINNESOTA.</b>		
Toledo.....	5,000	3,500	Albert Lea.....	3,000	.....
Total, Ohio.....	473,438	496,375	Austin.....	3,200	3,500
Exclusive of Cincinnati.....	123,798	230,640	Mankato.....	.....	7,500
<b>INDIANA.</b>			Minneapolis.....	5,000	5,000
INDIANAPOLIS.....	336,492	307,610	St. Paul.....	147,921	189,950
Evansville.....	11,018	8,345	Total, Minnesota.....	159,121	206,950
Fort Wayne.....	16,600	12,600	<b>WISCONSIN.</b>		
Huntingburg.....	650	500	MILWAUKEE.....	178,229	160,477
Lafayette.....	7,000	7,000	CUDAHY.....	189,352	188,363
Logansport.....	6,800	7,000	Eau Claire.....	11,423	19,053
Total, Indiana.....	378,460	342,455	Fond du Lac.....	1,500	2,000
Exclusive of Indianapolis.....	41,968	34,845	Jefferson.....	10,000	10,000
<b>ILLINOIS.</b>			La Crosse.....	12,500	13,050
CHICAGO.....	2,375,470	2,475,468	Total, Wisconsin.....	403,004	392,943
Alton.....	9,000	5,000	Exclusive of 2 large points.....	35,423	44,103
Barry.....	2,512	.....	<b>MICHIGAN.</b>		
Bloomington.....	23,445	31,707	Adrian.....	1,000	3,000
Galena.....	.....	3,000	Detroit.....	89,896	71,950
Joliet.....	2,000	1,200	Flint.....	.....	900
Peoria.....	32,849	25,447	Grand Rapids.....	6,250	5,750
Quincy.....	31,524	23,567	Owosso.....	2,500	3,420
Rock Island.....	4,062	9,096	Saginaw.....	10,000	12,000
Teutopolis.....	600	900	Total, Michigan.....	109,136	97,020
Total, Illinois.....	2,481,462	2,575,385	<b>KENTUCKY.</b>		
Exclusive of Chicago.....	105,992	99,917	LOUISVILLE.....	128,587	136,898
<b>IOWA.</b>			Bowling Green.....	3,000	2,300
Boone.....	.....	9,074	Elizabethtown.....	700	900
Burlington.....	5,500	2,500	Total, Kentucky.....	132,237	140,098
Cedar Rapids.....	142,105	159,202	Exclusive of Louisville.....	3,700	3,200
Clinton.....	37,600	53,655	<b>TENNESSEE.</b>		
Davenport.....	23,750	46,300	Knoxville.....	13,300	10,000
Des Moines.....	62,720	50,010	Nashville.....	48,000	44,624
Fort Madison.....	27,360	8,000	Total, Tennessee.....	61,300	54,624
Keokuk.....	49,420	59,022	<b>MISCELLANEOUS.</b>		
Marshalltown.....	32,292	39,016	Pittsburgh, Pa.....	67,000	61,000
Ottumwa.....	137,815	161,000	Denver, Col.....	24,000	25,000
Sabula.....	1,000	2,000	Total, Miscellaneous.....	91,000	86,000
Sioux City.....	95,000	142,000	<b>Aggregate, in the West.</b>		
Total, Iowa.....	614,552	731,779		6,815,800	7,191,520
<b>MISSOURI.</b>					
KANSAS CITY.....	869,273	884,652			
St. Louis.....	387,697	373,165			
Cape Girardeau.....	2,480	2,510			
Jackson.....	1,733	1,904			
Sedalia.....	912	900			
St. Joseph.....	80,500	140,106			
Total, Missouri.....	1,342,595	1,408,237			
Exclusive of 2 large points.....	85,625	145,420			



## SUMMER PACKING IN THE WEST.

Number of Hogs packed in the West during the summer season, March 1 to November 1, 1895, with comparisons for corresponding period in the preceding year, according to compilations of the *Cincinnati Price Current*:

LOCALITIES.	1895	1894	LOCALITIES.	1895	1894
Chicago, Ill.....	3,114,940	2,817,734	Wichita, Kan.....	33,911	.....
Kansas City, Mo.....	1,234,940	1,220,681	Topeka, Kan.....	18,155	.....
South Omaha, Neb.....	585,707	1,015,987	Leavenworth, Kan.....	2,000	.....
St. Louis, Mo.....	449,680	496,293	Fort Madison, Iowa.....	13,333	.....
Indianapolis, Ind.....	338,848	375,646	Burlington, Iowa.....	3,500	3,000
Cincinnati, Ohio.....	310,140	271,055	Bloomington, Ill.....	82,931	.....
Milwaukee, Wis.....	177,063	122,377	Peoria, Ill.....	27,506	36,220
Cudahy, Wis.....	172,670	231,660	Quincy, Ill.....	23,705	18,457
Cleveland, Ohio.....	246,000	266,218	Joliet, Ill.....	1,600	.....
Cedar Rapids, Iowa.....	205,709	194,606	Dayton, Ohio.....	15,000	18,000
St. Paul, Minn.....	200,114	190,454	Hamilton, Ohio.....	5,280	4,000
Ottumwa, Iowa.....	197,238	224,400	Springfield, Ohio.....	5,000	6,800
St. Joseph, Mo.....	135,000	277,185	Lafayette, Ind.....	5,000	.....
Louisville, Ky.....	109,625	125,375	Eau Claire, Wis.....	10,377	13,520
Detroit, Mich.....	96,445	130,700	Austin, Minn.....	2,000	1,500
Sioux City, Iowa.....	95,000	193,320	Nashville, Tenn.....	12,528	.....
Marshalltown, Iowa.....	59,600	54,128	Pittsburgh, Pa.....	46,000	45,000
Des Moines, Iowa.....	38,611	67,107	Denver, Col.....	25,000	48,000
Keokuk, Iowa.....	38,291	51,425	Boone, Iowa.....	.....	36,606
Clinton, Iowa.....	29,500	28,722	Hutchinson, Kan.....	.....	8,691
Nebraska City, Neb.....	51,798	162,256			
Lincoln, Neb.....	25,000	57,000			
			Total, all localities.....	8,194,835	8,812,125

## STOCKS OF HOG PRODUCT.

Total stocks of Hog Product in the West, on March 1, yearly, according to special reports of the *Cincinnati Price Current*:

YEARS.	Meats, pounds.	Pork, pounds.	Meats and Pork, lbs.	Lard, pounds.	Lard, tierces.	Total Product, lbs.
1882.....	328,880,000	80,845,000	409,725,000	68,079,000	206,300	477,804,000
1884.....	240,875,000	55,884,000	296,759,000	65,967,000	199,900	362,726,000
1885.....	323,030,000	66,591,000	389,621,000	63,545,000	192,500	453,166,000
1886.....	327,315,000	81,579,000	408,894,000	74,802,000	226,700	483,696,000
1887.....	290,190,000	53,902,000	344,092,000	57,859,000	175,300	401,951,000
1888.....	310,905,000	46,663,000	357,568,000	46,899,000	142,100	404,467,000
1889.....	299,777,000	45,157,000	336,000,000	29,600,000	89,800	365,600,000
1890.....	336,000,000	44,000,000	380,000,000	34,000,000	103,000	414,000,000
1891.....	531,000,000	88,000,000	619,000,000	78,000,000	238,000	697,000,000
1892.....	454,000,000	75,000,000	529,000,000	55,000,000	168,000	584,000,000
1893.....	216,000,000	26,000,000	242,000,000	12,000,000	36,000	254,000,000
1894.....	250,000,000	26,000,000	276,000,000	13,000,000	41,000	289,000,000
1895.....	441,000,000	47,000,000	488,000,000	32,000,000	98,000	520,000,000
1896.....	357,000,000	48,000,000	405,000,000	58,000,000	176,000	463,000,000

## AVERAGE ANNUAL PRICES OF STAPLE PRODUCTS.

Average annual prices of Staple Articles indicated, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	Butter, Dairy.	Butter, Creamery.	Butterine.	Cheese, Factory.	Eggs, Selected.	Beans, Navy.	Potatoes, Standard.	Apples, Green.	Apples, Dried.	Peaches, Dried.
	Lb.	Lb.	Lb.	Lb.	Doz.	Bush.	Bbl.	Bbl.	Lb.	Lb.
1876-77.....	18.68	.....	.....	12.20	16.60	\$2.06	\$2.82	\$2.25	4.50	11.90
1877-78.....	17.80	.....	.....	10.90	12.57	1.94	1.44	3.30	4.50	5.80
1878-79.....	18.77	.....	.....	7.90	14.42	1.50	1.83	1.85	2.90	3.50
1879-80.....	17.44	26.60	.....	11.47	12.37	1.56	1.16	2.55	6.43	7.79
1880-81.....	22.02	30.64	15.50	11.41	18.00	2.13	2.18	2.16	4.14	5.77
1881-82.....	26.63	35.90	17.00	11.36	18.92	3.07	3.30	3.51	5.95	6.35
1882-83.....	23.16	32.05	17.04	10.88	18.58	2.39	2.09	3.31	6.76	6.28
1883-84.....	24.18	31.01	15.33	9.62	18.85	2.50	1.47	3.24	6.01	6.07
1884-85.....	16.45	25.34	14.56	9.24	16.59	1.50	1.59	2.15	3.31	7.29
1885-86.....	14.12	20.07	11.93	9.41	13.58	1.50	1.54	1.35	2.40	3.20
1886-87.....	18.82	24.52	14.50	11.19	14.60	1.62	1.69	2.59	3.99	5.58
1887-88.....	17.49	23.99	15.19	10.39	15.84	2.46	2.74	2.20	6.03	6.97
1888-89.....	14.66	22.01	16.29	9.69	13.50	1.94	1.30	1.54	8.01	2.82
1889-90.....	13.50	20.81	15.50	9.00	13.54	1.93	1.67	2.82	3.72	3.11
1890-91.....	14.98	22.89	16.23	9.60	16.30	2.23	2.99	3.49	9.07	8.16
1891-92.....	16.33	23.92	17.25	10.17	15.77	1.93	1.45	2.14	3.40	2.74
1892.....	17.03	24.27	18.09	10.00	15.66	1.91	1.75	2.50	3.85	3.10
1893.....	19.00	25.00	16.90	10.18	16.30	1.99	2.30	2.90	5.04	4.49
1894.....	12.88	18.92	14.97	9.75	12.41	1.73	2.08	3.30	5.55	5.65
1895.....	10.54	17.13	14.25	9.00	13.79	1.85	1.56	2.02	4.52	7.40

  

YEARS.	Clover Seed.	Timothy Seed	Flaxseed.	Linseed Oil.	Bran.	Middlings, Fine.	Middlings, Coarse.	Shipstuf.	Hay, Timothy	Bark, Tanners'.
	Lb.	Bush.	Bush.	Gall.	Ton.	Ton.	Ton.	Ton.	Ton.	Cord.
1876-77.....	13.70	\$1.66	\$1.21	62	\$12.80	\$21.23	\$17.84	\$14.80	\$11.67	\$17.42
1877-78.....	7.76	1.25	1.14	57	11.86	18.82	16.36	13.47	9.86	10.30
1878-79.....	6.82	1.24	1.13	62	10.32	15.64	13.50	11.45	10.79	11.28
1879-80.....	7.16	2.36	1.21	71	12.03	18.45	15.82	13.11	15.87	12.33
1880-81.....	7.63	2.45	1.11	54	13.11	18.91	16.56	14.40	16.36	18.06
1881-82.....	8.00	2.42	1.19	58	17.78	25.44	22.98	19.77	17.90	14.16
1882-83.....	11.44	1.70	1.12	52	13.25	19.00	16.91	14.55	12.39	14.27
1883-84.....	8.81	1.35	1.31	55	13.88	18.62	16.17	14.99	11.63	13.81
1884-85.....	8.02	1.41	1.31	49	12.96	16.18	14.49	13.75	12.81	11.02
1885-86.....	9.27	1.83	1.06	41	11.76	14.84	13.26	11.85	12.16	12.61
1886-87.....	7.05	1.87	97	40	12.85	14.62	13.21	12.94	11.17	12.43
1887-88.....	6.77	2.44	1.14	50	15.66	17.71	16.56	15.83	14.79	12.22
1888-89.....	7.78	1.50	1.25	57	12.07	13.86	12.66	11.92	12.74	10.91
1889-90.....	5.64	1.30	1.26	59	11.16	12.76	11.49	11.13	10.56	13.64
1890-91.....	6.88	1.30	1.18	53	16.64	19.57	18.27	16.99	10.58	11.87
1891-92.....	8.43	1.27	92	37	14.25	16.20	15.55	14.15	11.25	10.48
1892.....	9.70	1.47	95	40	13.67	15.11	13.94	13.28	11.10	11.04
1893.....	10.67	1.68	1.05	45	13.35	14.76	13.18	13.35	12.55	11.17
1894.....	8.80	2.10	1.16	50	13.15	14.10	13.40	13.15	10.95	10.15
1895.....	7.64	2.07	1.08	51	13.25	14.60	13.30	13.25	12.70	9.50

NOTE.—Butter and Cheese, prime to choice; Beans, prime quality; Potatoes, leading varieties; Apples, green, prime to choice; Apples and Peaches, dried, prime to choice; for 1895, Peaches represent California product. All prices refer to lots in store. Clover, Timothy and Flaxseed, prime to choice, on arrival; Bran, Middlings, Shipstuf, Hay and Bark, on arrival.

## AVERAGE ANNUAL PRICES OF STAPLE PRODUCTS.

Average annual prices of Staple Articles indicated, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	Cattle, gross.	Sheep, gross.	Hogs, gross.	Pork Barrels.	Whisky Barrels.	Ohio River Salt.	Liverpool Salt.	Leaf Tobacco.	Peanuts, White.	Lard Oil.	Carbon Oil, 120° flash test.	Carbon Oil, 110° fire test.
	100 Lbs.	100 Lbs.	100 Lbs.	Each.	Each.	Bbl.	Bag.	Lb.	Lb.	Gal.	Gal.	Gal.
1876-77	\$3 51	\$4 53	\$5 90	98	\$1 29	\$1 24	\$1 16	8.75	4.92	88	.....	20.45
1877-78	3 03	4 07	4 20	86	1 25	98	1 18	8.00	5.25	68	.....	12.95
1878-79	3 96	4 00	2 84	89	1 20	1 13	1 03	14.50	4.94	54	.....	10.15
1879-80	3 44	4 56	4 36	90	1 29	1 23	1 12	11.83	4.26	59	12.54	10.31
1880-81	3 45	4 66	4 61	85	1 34	1 05	1 04	14.25	3.91	79	12.47	10.73
1881-82	3 97	4 90	6 24	90	1 36	1 20	1 08	10.86	6.87	94	9.08	8.38
1882-83	3 85	4 76	6 44	94	1 41	1 05	1 22	10.84	6.68	91	10.42	9.41
1883-84	3 95	4 68	5 24	91	1 42	1 06	1 09	10.00	6.65	69	10.01	9.25
1884-85	3 53	3 99	4 44	83	1 39	1 00	93	9.50	3.41	58	8.98	8.19
1885-86	3 24	4 13	3 82	82	1 37	97	92	8.00	3.78	51	8.65	8.21
1886-87	2 98	4 10	4 28	81	1 35	87	96	10.80	3.64	55	8.04	7.72
1887-88	3 04	4 58	5 18	73	1 29	94	99	15.00	3.63	61	8.16	7.75
1888-89	2 84	4 46	5 15	85	1 44	98	99	10.25	5.57	68	8.19	7.50
1889-90	2 90	4 84	3 74	83	1 50	90	99	9.25	6.50	57	8.88	7.69
1890-91	3 28	4 83	3 64	79	1 51	93	1 15	9.00	3.50	52	7.82	.....
1891-92	3 17	4 79	3 90	70	1 52	92	1 17	9.75	3.00	54	6.82	.....
1892	3 22	4 86	5 05	71	1 52	92	1 17	10.00	4.00	61	6.25	.....
1893	3 31	4 20	6 90	76	1 52	89	1 18	11.85	4.00	86	6.25	.....
1894	3 35	3 10	5 10	79	1 52	84	1 12	10 05	2.10	64	6.25	.....
1895	3 85	3 30	4 35	78	1 60	84	80	9.40	3.86	55	7.87	.....

YEARS.	Tallow.	Hides.	Leather.	Wool.	Feathers.	Hops.	Lead.	Shot.	Nails.	Candles.	Soap.	Starch.
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	25 Lbs.	Keg.	Lb.	Lb.	Lb.
1876-77	7.97	9.47	33.80	37.05	45	22.66	6.40	\$2 25	\$2 67	14.80	6.12	3.93
1877-78	7.20	9.11	32.69	34.36	40	11.26	4.85	1 91	2 22	13.50	5.65	3.17
1878-79	6.08	8.16	30.63	30.79	40	12.90	3.83	1 60	2 02	12.07	5.30	2.62
1879-80	6.08	9.65	34.38	42.79	45	37.58	4.99	1 86	3 60	12.47	5.21	3.08
1880-81	6.30	9.93	36.00	39.61	48	22.50	4.60	1 87	2 82	13.10	4.87	3.10
1881-82	8.23	9.88	37.20	35.47	50	30.64	4.92	1 79	3 31	14.86	6.59	4.21
1882-83	8.23	9.58	36.69	35.73	57	78.07	4.39	1 75	3 16	15.00	6.62	3.93
1883-84	7.26	9.44	38.12	31.50	53	28.03	3.71	1 70	2 46	14.36	6.62	3.05
1884-85	6.18	9.22	29.87	28.52	48	18.66	3.65	1 50	2 18	12.62	6.18	2.91
1885-86	4.82	9.70	29.46	30.07	45	13.95	4.50	1 49	2 26	10.25	5.24	2.52
1886-87	4.22	9.17	30.78	31.10	40	25.35	4.30	1 37	2 24	8.09	4.43	2.48
1887-88	4.56	7.98	29.25	27.37	40	15.86	4.42	1 23	1 97	8.42	4.69	2.69
1888-89	5.12	7.00	29.49	29.55	44	22.46	3.82	1 12	1 87	9.14	5.36	2.44
1889-90	4.52	6.77	27.82	30.15	42	17.40	3.94	1 12	2 26	8.50	5.25	2.61
1890-91	4.90	5.75	27.70	29.67	41	34.93	4.44	1 37	1 84	8.46	6.75	4.00
1891-92	4.67	4.66	26.87	25.87	43	24.41	4.14	1 37	1 66	9.08	6.75	3.68
1892	4.65	4.44	26.31	26.50	45	26.18	4.00	1 86	1 69	8.80	6.75	3.37
1893	5.56	4.00	23.84	25.70	41	23.07	3.60	1 89	1 36	8.97	6.75	3.32
1894	5.15	3.66	22.44	19.60	35	16.13	3.07	1 10	1 20	8.31	6.75	3.19
1895	4.67	6.02	26.60	18.53	37	9.25	3.12	1 14	1 63	8.04	6.75	2.86

NOTE.—Cattle, prime beef; Sheep, good to extra mutton; Hogs, average of winter packing season; Salt, Ohio River (and Kanawha), barrel of 280 pounds; Liverpool Salt, coarse grade; Leaf Tobacco, white burley, basis of sales of all grades; Tallow, prime city-rendered; Hides, light to heavy, wet salted; Leather, best light to heavy, city-tanned, oak sole; Wool, Ohio fleece-washed; Feathers, prime; Hops, choice; Nails, 12d; Candles, star; Soap, best Cincinnati brands.

## MOVEMENT OF SUNDRY STAPLE PRODUCTS.

Receipts and shipments of Staple Products enumerated, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently:

YEARS.	HAY.		BRAN, ETC.		HOPS.		FEATHERS.		PEANUTS.	
	Receipts, tons.	Shipm'ts, tons.	Receipts, tons.	Shipm'ts, tons.	Receipts, bales.	Shipm'ts, bales.	Receipts, sacks.	Shipm'ts, sacks.	Receipts, bush.	Shipm'ts, bush.
1876-77.....	31,114	655	11,480	5,936	9,406	1,732	10,052	10,351	461,545	255,400
1877-78.....	30,229	3,002	11,052	5,684	8,666	1,963	12,006	11,624	276,505	355,625
1878-79.....	33,970	830	12,705	6,394	7,982	1,608	9,789	9,993	298,340	249,255
1879-80.....	45,936	5,430	19,161	10,654	8,748	2,648	9,780	8,608	563,770	382,320
1880-81.....	63,167	17,092	19,650	13,065	9,824	2,311	11,923	8,876	685,835	539,105
1881-82.....	65,965	11,512	16,604	9,977	11,833	3,712	10,155	11,542	342,420	417,035
1882-83.....	46,649	4,538	30,190	27,427	9,861	4,199	16,818	9,897	426,955	434,625
1883-84.....	52,394	13,943	21,120	16,026	11,560	5,030	8,806	12,603	622,990	440,530
1884-85.....	65,837	22,457	25,935	17,442	13,622	5,511	9,540	9,613	929,100	515,900
1885-86.....	64,610	22,244	18,063	13,371	14,804	6,290	9,248	8,615	600,350	390,440
1886-87.....	65,266	21,229	19,485	17,400	12,186	5,678	8,425	10,825	407,235	441,985
1887-88.....	66,688	24,938	15,483	12,707	17,159	6,550	8,850	10,247	397,960	354,275
1888-89.....	111,686	56,023	26,268	21,258	13,489	6,875	12,360	10,348	281,900	319,275
1889-90.....	97,089	43,883	25,802	20,915	16,097	7,070	12,185	11,784	256,205	315,920
1890-91.....	110,979	55,323	31,745	26,962	14,027	5,597	13,818	14,093	690,965	366,491
1891-92.....	126,421	67,021	32,508	28,434	17,061	7,358	16,783	16,558	480,225	345,830
1892.....	124,526	66,636	27,735	23,331	14,648	6,489	16,979	16,791	416,124	352,620
1893.....	100,402	44,558	17,935	11,176	18,343	8,068	11,915	13,718	342,114	328,136
1894.....	98,080	35,594	22,984	15,976	23,748	8,471	14,670	13,896	309,301	254,421
1895.....	99,234	41,679	16,340	9,540	13,591	8,199	20,018	21,319	436,793	296,523

YEARS.	BEER.		MALT.		SALT.		SALT.		STARCH.	
	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bush.	Shipm'ts, bush.	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bags.	Shipm'ts, bags.	Receipts, boxes.	Shipm'ts, boxes.
1876-77.....	5,431	148,519	260,239	228,141	249,789	174,617	56,883	11,152	240,653	817,565
1877-78.....	7,882	184,634	358,815	206,390	253,167	199,529	51,148	9,447	171,940	399,981
1878-79.....	6,966	162,593	276,548	280,187	281,285	171,019	52,098	8,559	360,169	461,147
1879-80.....	9,145	200,887	388,603	357,793	349,885	246,446	38,455	12,362	402,697	416,799
1880-81.....	10,943	226,885	548,149	506,948	408,503	230,201	47,863	68,740	177,258	390,455
1881-82.....	15,944	248,216	412,078	471,850	315,489	205,069	94,400	52,890	131,069	370,910
1882-83.....	17,536	286,665	340,200	297,791	320,617	182,698	55,928	43,996	147,835	407,696
1883-84.....	17,561	318,247	373,501	371,356	382,805	278,435	13,327	1,238	200,605	486,674
1884-85.....	19,788	317,053	669,774	441,545	393,982	238,756	13,540	1,797	127,905	408,447
1885-86.....	24,632	354,368	792,316	489,003	345,842	250,826	12,551	1,231	208,065	540,034
1886-87.....	25,200	418,056	744,940	381,210	327,044	244,885	32,510	25,050	231,549	574,253
1887-88.....	36,573	433,027	671,153	340,474	365,806	249,325	31,962	8,292	209,436	529,080
1888-89.....	51,857	390,328	720,090	556,925	297,198	177,407	13,362	3,840	221,500	630,956
1889-90.....	82,469	571,804	946,175	613,205	291,445	196,597	14,220	2,703	230,869	734,267
1890-91.....	69,500	613,159	762,939	669,909	415,556	327,669	12,245	2,688	173,781	704,903
1891-92.....	58,874	694,687	735,663	585,512	474,376	339,522	.....	.....	242,422	773,959
1892.....	55,220	582,828	790,221	584,149	477,671	346,595	.....	.....	233,812	755,193
1893.....	63,224	520,574	708,297	439,352	462,538	361,540	.....	.....	78,392	470,264
1894.....	47,900	456,756	547,888	469,969	449,845	338,270	.....	.....	147,562	594,733
1895.....	27,787	490,291	712,946	463,916	670,675	529,563	.....	.....	123,043	608,544

## RECEIPTS OF LUMBER.

Annual receipts of Lumber, representing cars, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently:

1880-81.....	22,500	1884-85.....	26,100	1888-89.....	29,100	1892.....	40,919
1881-82.....	24,300	1885-86.....	23,200	1889-90.....	31,400	1893.....	35,314
1882-83.....	30,600	1886-87.....	26,800	1890-91.....	32,400	1894.....	29,947
1883-84.....	25,300	1887-88.....	28,300	1891-92.....	39,500	1895.....	36,475

## MOVEMENT OF BUTTER, CHEESE AND EGGS.

Receipts and shipments of Butter, Cheese and Eggs, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently:

YEARS.	BUTTER.				CHEESE.		EGGS.	
	Receipts, barrels.	Receipts, tubs, etc.	Shipm'ts, barrels.	Shipm'ts, tubs, etc.	Receipts, boxes.	Shipm'ts, boxes.	Receipts, packages.	Shipm'ts, packages.
1870-71.....	2,069	68,471	532	19,592	193,833	136,015	27,153	7,495
1871-72.....	1,721	69,748	789	23,086	187,640	128,260	22,904	8,053
1872-73.....	1,392	61,186	897	19,110	207,847	145,360	24,189	13,232
1873-74.....	416	53,449	626	22,735	181,805	127,689	31,276	17,013
1874-75.....	812	65,910	898	25,706	173,144	118,287	33,863	10,153
1875-76.....	262	121,469	790	25,512	183,745	128,214	62,971	15,245
1876-77.....	837	110,927	1,116	37,425	143,417	102,886	81,426	19,557
1877-78.....	493	120,549	482	34,242	108,326	77,361	110,480	22,818
1878-79.....	471	125,685	1,153	41,950	104,664	62,876	106,786	16,770
1879-80.....	674	143,343	318	57,583	99,396	52,558	140,008	20,718
1880-81.....	1,073	129,987	802	37,244	85,022	43,380	134,908	13,048
1881-82.....	680	125,142	550	20,396	116,559	56,407	108,476	7,319
1882-83.....	1,033	115,671	218	12,859	105,845	47,822	152,354	37,803
1883-84.....	944	96,004	70	14,851	98,574	45,107	177,172	58,075
1884-85.....	856	87,812	100	16,944	97,852	48,520	147,458	44,506
1885-86.....	785	98,071	247	20,884	82,752	38,872	213,619	69,899
1886-87.....	746	80,693	156	6,623	91,197	40,090	245,235	99,823
1887-88.....	517	73,281	270	8,829	104,950	40,948	179,437	53,064
1888-89.....	643	73,976	729	8,693	95,824	45,609	258,573	131,783
1889-90.....	377	80,361	144	8,789	125,923	60,696	290,396	159,876
1890-91.....	.....	72,847	.....	17,333	120,474	64,255	262,212	157,626
1891-92.....	.....	68,672	.....	10,174	118,964	73,370	262,694	145,009
1892.....	.....	75,523	.....	9,922	128,627	81,823	272,661	154,110
1893.....	.....	81,143	.....	9,856	125,476	75,627	318,881	165,326
1894.....	.....	90,711	.....	15,065	118,289	67,681	321,011	161,237
1895.....	.....	122,333	.....	21,066	153,214	95,608	267,494	92,834

## MOVEMENT OF HIDES, LEATHER AND WOOL.

Receipts and shipments of Hides, Leather and Wool, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently:

YEARS.	HIDES.		LEATHER.		WOOL.	
	Receipts, pieces.	Shipm'ts, pieces.	Receipts, bundles.	Shipm'ts, bundles.	Receipts, bales.	Shipm'ts, bales.
1870-71.....	167,553	138,549	33,927	36,003	16,728	19,432
1871-72.....	144,817	103,294	32,370	37,821	11,082	12,177
1872-73.....	143,387	97,065	31,232	35,425	9,213	10,657
1873-74.....	165,192	105,293	25,174	30,614	17,723	14,743
1874-75.....	181,525	130,961	24,742	34,942	14,668	14,260
1875-76.....	188,808	145,214	23,919	40,861	14,242	11,870
1876-77.....	175,327	177,841	28,188	38,401	19,531	22,352
1877-78.....	171,283	132,104	28,371	37,491	20,182	18,426
1878-79.....	221,995	169,853	36,344	39,965	29,771	30,251
1879-80.....	232,943	179,815	41,848	42,240	22,491	23,995
1880-81.....	323,006	205,645	43,751	42,164	26,007	23,985
1881-82.....	353,022	225,768	47,373	49,387	33,801	36,683
1882-83.....	339,124	219,206	43,516	51,914	27,170	25,998
1883-84.....	321,849	167,046	36,967	46,037	18,284	17,923
1884-85.....	282,290	191,956	35,121	42,174	23,042	27,005
1885-86.....	271,227	155,923	35,610	47,638	32,357	32,075
1886-87.....	370,465	200,087	37,513	50,606	26,212	24,404
1887-88.....	344,412	192,274	36,253	49,881	16,611	17,664
1888-89.....	372,091	178,095	39,542	56,905	31,560	30,666
1889-90.....	425,019	284,706	51,544	70,363	42,026	37,047
1890-91.....	496,560	305,349	61,041	79,162	39,087	37,973
1891-92.....	499,122	320,776	64,487	94,033	68,589	68,279
1892.....	552,514	402,905	69,611	94,364	79,167	79,011
1893.....	545,575	442,653	66,170	74,378	55,483	53,361
1894.....	437,040	351,533	73,994	73,331	52,315	51,628
1895.....	503,726	428,120	86,349	71,775	26,362	31,007

## PRICES OF BUTTER.

Quotations for choice Dairy Butter, and good to prime Creamery Butter, per pound, at Cincinnati, on Tuesday of each week, in three years :

DAIRY BUTTER.				CREAMERY BUTTER.			
DATES.	1895	1894	1893	DATES.	1895	1894	1893
January 1.....	10@11	13@16	20	January 1.....	19@21	25	28@30
8.....	10@11	12@15	25	8.....	18@20	18@22	30@32
15.....	10@11	12@15	25	15.....	18@20	18@22	30@32
22.....	10@11	12@15	25	22.....	18@20	18@22	30@32
29.....	10@11	12@15	20	29.....	18@20	18@22	25
February 5.....	10	12	20	February 5.....	18@20	18@22	25
12.....	10	12@15	20	12.....	18@20	22@25	25
19.....	10	16@17	20	19.....	18@20	22@23	25
26.....	10	15@16	20	26.....	18@20	20@21	25
March 5.....	10	15	20	March 5.....	15	20@21	23
12.....	10	15	20	12.....	15	20@21	27
19.....	10	15	22	19.....	15	20	28
26.....	12	15	26	26.....	15@17	18	30
April 2.....	12	15	26	April 2.....	15@17	18@19	30
9.....	12	15	26	9.....	15@17	18@19	27
16.....	12	15	20	16.....	15@17	18@19	28
23.....	12	12@14	25	23.....	18@20	16@17	28@30
30.....	10	12	20	30.....	18	13@15	25@27
May 7.....	9	10	18	May 7.....	15	13@15	23@24
14.....	9	10	18	14.....	14	14@16	22@23
21.....	9	10	16	21.....	17	14@16	20
28.....	9	10	14	28.....	17	14@16	18
June 4.....	9	10	14	June 4.....	17	14@16	18
11.....	9	10	14	11.....	17	14@16	20
18.....	9	11	14	18.....	15	14@16	20
25.....	9	11	14	25.....	13@15	14@16	20
July 2.....	9	11	14	July 2.....	13@15	14@16	20
9.....	9	11	14	9.....	13@15	14@18	20
16.....	9	11	14	16.....	13@15	14@17	20
23.....	9	11	14	23.....	13@15	14@17	20
30.....	9@10	12@13	14	30.....	14@16	18@22	20
August 6.....	10@11	12@13	14	August 6.....	15@18	18@22	20
13.....	10@11	12@13	18	13.....	15@18	18@22	23
20.....	10@11	12@13	18	20.....	15@18	18@22	23
27.....	10@11	12@13	18	27.....	15@18	18@22	23
September 3.....	10@11	14@15	20	September 3.....	15@18	18@22	23
10.....	10@11	14@15	22	10.....	16@18	18@22	25
17.....	10@11	14@15	22	17.....	16@18	18@22	25
24.....	10@11	14@15	22	24.....	16@18	19@24	28@30
October 1.....	10@11	14@15	22	October 1.....	16@18	19@24	28@30
8.....	10@11	14@15	22	8.....	16@20	19@24	28@30
15.....	13@14	14@15	22	15.....	16@20	19@24	28@30
22.....	13@14	18@14	21	22.....	16@20	18@20	28
29.....	13@14	13@14	21	29.....	16@20	18@20	28
November 5.....	13@14	13@14	21	November 5.....	16@20	18@20	28
12.....	13@14	12@13	19@20	12.....	16@20	19@21	25
19.....	11@12	12@14	19@20	19.....	16@20	20@22	25
26.....	11@12	12@14	19@20	26.....	17@21	20@22	25
December 3.....	11@12	11@12	19@20	December 3.....	17@21	20@22	25
10.....	11@12	11@12	18@19	10.....	20@24	19@21	25
17.....	10@11	11@12	18@19	17.....	20@23	19@21	25
24.....	10@11	10@11	15@18	24.....	20@22	19@21	25
31.....	10	10@11	13@16	31.....	16@18	19@21	25

## PRICES OF BUTTERINE.

Prices of Butterine, at Cincinnati, for the year 1895, ranged as follows :

January.....	11½@17	April.....	11½@17	July.....	11½@17	October.....	11½@17
February.....	11½@17	May.....	11½@17	August.....	11½@17	November.....	11½@17
March.....	11½@17	June.....	11½@17	September.....	11½@17	December.....	11½@17

## PRICES OF CHEESE AND EGGS.

Quotations for Factory Cheese, per pound, and Eggs, per dozen, at Cincinnati, on Tuesday of each week, in three years:

CHEESE.				EGGS.			
DATES.	1895	1894	1893	DATES.	1895	1894	1893
January 1.....	9½ @ 10½	11 @ 11½	9½ @ 10½	January 1.....	18	19 @ 20	24
8.....	9½ @ 10½	11 @ 11½	9½ @ 10½	8.....	17½	15 @ 16	30
15.....	9½ @ 10½	11 @ 11½	9½ @ 10½	15.....	19	12 @ 13	30
22.....	9½ @ 10½	11 @ 11½	9½ @ 10½	22.....	19	11	30
29.....	9½ @ 10½	11 @ 11½	11 @ 11½	29.....	23	14 @ 15	33
February 5.....	9½ @ 10	11 @ 11½	11 @ 11½	February 5.....	24	11 @ 12	30 @ 32
12.....	9½ @ 10	11 @ 11½	11 @ 11½	12.....	26	15	18
19.....	9½ @ 10	10½ @ 11	11 @ 11½	19.....	20	15	22
26.....	9½ @ 10	10½ @ 11	11 @ 11½	26.....	24	14 @ 15	14
March 5.....	9½ @ 10	10½ @ 11	11 @ 11½	March 5.....	15	12 @ 12½	15
12.....	9½ @ 10	10½ @ 11	11 @ 11½	12.....	11	12	15
19.....	9½ @ 10	10½ @ 11	10½ @ 11½	19.....	10	9 @ 10	14
26.....	9½ @ 10	10½ @ 11	10½ @ 11½	26.....	9¾	8½ @ 9	13 @ 13½
April 2.....	9½ @ 10	10½ @ 11	10½ @ 11½	April 2.....	11	8 @ 8½	12 @ 12½
9.....	9½ @ 10	10½ @ 11	10½ @ 11½	9.....	10	8½ @ 9	12 @ 12½
16.....	9½ @ 10	10½ @ 11	10½ @ 11	16.....	10	9	13
23.....	9½ @ 10	9 @ 10	10½ @ 11	23.....	11	9½	13 @ 13½
30.....	9½ @ 10	9 @ 9½	10½ @ 11	30.....	10½	10½ @ 9	12½ @ 13
May 7.....	8½ @ 9	9 @ 9½	10½ @ 11	May 7.....	10	8½ @ 9	13 @ 13½
14.....	7½ @ 9	9 @ 9½	10 @ 10½	14.....	11	10½	13
21.....	7½ @ 9	9 @ 9½	9½ @ 10	21.....	11	9½	13
28.....	7 @ 8½	8½ @ 9	9 @ 9½	28.....	11	10½	13
June 4.....	7 @ 8½	8 @ 8½	9 @ 9½	June 4.....	10½	12	13 @ 13½
11.....	7 @ 8½	8 @ 8½	9 @ 9½	11.....	10½	12	13
18.....	7 @ 8½	7½ @ 8	8½ @ 9	18.....	10	10	12
25.....	7 @ 8½	7 @ 7½	8½ @ 9	25.....	10	9	12
July 2.....	7 @ 8½	7 @ 7½	8½ @ 9	July 2.....	9	9	12
9.....	8 @ 8½	8	8½ @ 9	9.....	9	8½	11
16.....	8 @ 8½	8	8½ @ 9	16.....	9	8	11
23.....	8 @ 8½	8½	8½ @ 9	23.....	8	8½	10
30.....	8 @ 8½	7 @ 8½	8½ @ 9	30.....	8	9	10
August 6.....	8 @ 8½	7 @ 8½	8½ @ 9	August 6.....	9	9	9
13.....	8 @ 8½	8½ @ 9	8½ @ 9	13.....	9	11	11
20.....	8 @ 8½	9½ @ 9½	9 @ 9½	20.....	9	12½	12
27.....	7½ @ 8½	9½ @ 9½	8½ @ 9	27.....	9	12½	12½
September 3.....	8 @ 8½	9½ @ 9½	9 @ 9½	September 3.....	10	12	12½
10.....	8 @ 8½	10 @ 10½	9 @ 9½	10.....	12	11½	12½
17.....	8 @ 8½	10 @ 10½	9 @ 9½	17.....	12	13	12½ @ 13
24.....	8 @ 8½	10 @ 10½	9½ @ 10	24.....	12	14	13 @ 13½
October 1.....	8 @ 8½	10 @ 10½	9½ @ 10	October 1.....	12	14	16
8.....	8½ @ 9½	10 @ 10½	10½ @ 10½	8.....	14	14	17
15.....	8½ @ 9	10 @ 10½	10½ @ 11	15.....	14	14	16½ @ 17
22.....	8½ @ 9	10 @ 11	10½ @ 11	22.....	15	14	16½ @ 17
29.....	8½ @ 9	10 @ 11	11 @ 11½	29.....	15	15	16½ @ 17
November 5.....	9 @ 9½	9 @ 10½	11 @ 11½	November 5.....	16	17	18
12.....	9½ @ 10	9 @ 10½	10½ @ 11	12.....	16	18	20
19.....	9½ @ 10	9½ @ 10½	10½ @ 11	19.....	17	17½ @ 18	20 @ 21
26.....	9½ @ 10	9½ @ 10½	10½ @ 11	26.....	17	17½	21
December 3.....	9½ @ 10	9½ @ 10½	11 @ 11½	December 3.....	17 @ 18	18½ @ 19	21 @ 22
10.....	9½ @ 10	9½ @ 10½	11 @ 11½	10.....	18½ @ 19	19	21
17.....	9½ @ 10	9½ @ 10½	11 @ 11½	17.....	18	17	21
24.....	9½ @ 10	9½ @ 10½	11 @ 11½	24.....	16	15	21
31.....	9½ @ 10	9½ @ 10½	11 @ 11½	31.....	16	18	19 @ 20

## PRICES OF BROOM CORN.

Prices of Broom Corn from store, at Cincinnati, the last of December, 1895, 1894 and 1893, and last of August in previous years:

KINDS.	1895	1894	1893	1892	1891	1890	1889
Green, Hurl.....	3¼ @ 4	7 @ 7½	5¼ @ 5½	7 @ 7½	5½ @ 6	6 @ 6½	4½ @ 5
Green, Medium.....	3 @ 3½	5½ @ 6	4 @ 4½	6 @ 6½	5 @ 5½	5 @ 5½	3½ @ 4
Red or Pale.....	2½ @ 2¾	4½ @ 5½	3 @ 3½	5 @ 6	4½ @ 5	4 @ 5	3½ @ 4
Crooked.....	1½ @ 2	3 @ 3½	2	3½ @ 4	2½ @ 3	2 @ 2½	2½ @ 2¾

## PRICES OF CLOVER AND TIMOTHY SEED.

Quotations for Clover Seed, per 100 pounds, and Timothy Seed, per 100 pounds, on arrival, at Cincinnati, on Tuesday of each week, in three years:

CLOVER SEED.				TIMOTHY SEED.			
DATES.	1895	1894	1893	DATES.	1895	1894	1893
January 1..	\$8 75@9 00	\$9 50@10 00	\$12 25@12 75	January 1..	\$5 40@5 60	\$4 00@4 25	\$4 45@4 55
8..	8 75@9 00	9 75@10 25	12 25@12 75	8..	5 40@5 60	4 00@4 25	4 45@4 55
15..	8 75@9 00	9 75@10 25	13 00@13 50	15..	5 40@5 60	3 90@4 15	4 45@4 55
22..	8 75@9 00	9 50@9 75	13 50@14 00	22..	5 40@5 60	4 00@4 25	4 45@4 55
29..	8 25@8 75	9 50@9 75	13 50@14 00	29..	5 40@5 60	4 00@4 25	4 25@4 40
February 5..	8 25@8 75	9 25@9 50	14 00@14 50	February 5..	5 60@5 75	4 10@4 35	4 40@4 55
12..	8 25@8 75	8 75@9 00	15 00@15 50	12..	5 60@5 75	4 10@4 25	4 40@4 55
19..	8 25@8 75	8 75@9 00	15 00@15 50	19..	5 60@5 75	4 05@4 15	4 40@4 55
26..	8 50@8 75	8 75@9 00	13 00@13 50	26..	5 70@5 85	4 05@4 15	4 55@4 60
March 5..	8 50@8 75	8 25@8 75	13 00@13 50	March 5..	5 70@5 85	4 05@4 15	4 55@4 60
12..	8 75@9 25	8 25@8 50	12 00@12 50	12..	5 60@5 75	4 15@4 25	4 45@4 55
19..	8 75@9 25	8 50@9 00	12 00@12 50	19..	5 60@5 75	4 15@4 25	4 45@4 55
26..	9 00@9 25	8 75@9 00	13 00@13 50	26..	5 55@5 65	4 25@4 35	4 40@4 50
April 2..	9 00@9 25	9 00@9 25	13 00@13 50	April 2..	5 25@5 50	4 20@4 30	4 40@4 50
9..	9 00@9 25	9 25@9 50	13 00@13 75	9..	5 25@5 50	4 20@4 30	4 40@4 45
16..	9 00@9 25	9 25@9 50	12 50@13 25	16..	5 15@5 35	4 20@4 30	4 35@4 40
23..	8 75@9 00	9 00@9 25	12 50@13 00	23..	5 15@5 35	4 20@4 30	4 30@4 40
30..	8 75@9 00	9 00@9 25	11 00@11 50	30..	5 15@5 25	4 20@4 30	4 15@4 20
May 7..	8 75@9 00	9 00@9 25	11 00@11 50	May 7..	5 15@5 25	4 20@4 30	4 15@4 20
14..	.....	8 75@9 00	11 00@11 50	14..	.....	4 20@4 30	4 15@4 20
21..	.....	8 75@9 00	10 00@10 50	21..	.....	4 00@4 10	4 00
28..	.....	8 75@9 00	10 00@10 50	28..	.....	4 00@4 10	4 00
June 4..	.....	8 75@9 00	10 00@10 50	June 4..	.....	4 00@4 10	4 00
11..	.....	8 00@8 50	10 00@10 50	11..	.....	4 00@4 10	3 75
18..	.....	8 00@8 50	10 00@10 50	18..	.....	4 00@4 10	3 75
25..	.....	8 00@8 50	10 00@10 50	25..	.....	4 00@4 10	3 75
July 2..	.....	8 00@8 50	10 00@10 50	July 2..	.....	4 25@4 50	3 75
9..	.....	8 00@8 50	10 00@10 50	9..	.....	4 25@4 50	3 75
16..	.....	8 00@8 50	10 00@10 50	16..	.....	4 75@5 00	4 00
23..	.....	8 00@8 50	10 00@10 50	23..	.....	4 75@5 00	4 00
30..	.....	8 50@9 00	10 00@10 50	30..	.....	4 75@5 00	4 00
August 6..	.....	9 00@9 25	10 00@10 50	August 6..	.....	4 60@4 85	3 80@4 00
13..	8 00@8 50	9 00@9 25	9 00	13..	.....	4 85@5 00	3 30@3 50
20..	7 75@8 00	9 00@9 25	8 00@8 50	20..	.....	5 25@5 40	3 30@3 50
27..	7 50@7 75	8 75@9 00	8 00@8 25	27..	.....	5 00@5 15	3 30@3 50
September 3..	7 50@7 75	8 75	8 00@8 50	September 3..	.....	5 00@5 15	3 30@3 50
10..	7 00@7 25	8 50@8 75	7 50@8 00	10..	4 00@4 25	5 20@5 35	3 20@3 35
17..	6 50@7 00	8 00@8 50	8 35@8 75	17..	4 00@4 25	5 40@5 65	3 20@3 35
24..	6 25@7 00	8 00@8 50	8 35@8 75	24..	3 60@3 85	5 50@5 75	3 30@3 50
October 1..	6 00@6 75	8 25@8 75	8 50@9 00	October 1..	3 40@3 65	5 50@5 60	3 30@3 40
8..	6 00@6 50	8 00@8 50	8 50@9 00	8..	3 40@3 65	5 25@5 40	3 30@3 40
15..	5 75@6 25	8 00@8 50	8 50@8 75	15..	3 40@3 65	5 25@5 35	3 30@3 40
22..	5 75@6 25	8 00@8 50	8 50@8 75	22..	3 40@3 60	5 15@5 30	3 30@3 40
29..	5 75@6 25	8 00@8 50	8 00@8 50	29..	3 40@3 60	5 20@5 35	3 30@3 40
November 5..	5 75@6 25	8 25@8 50	8 25@8 75	November 5..	3 40@3 60	5 20@5 35	3 30@3 40
12..	5 75@6 25	8 50@8 75	8 00@8 50	12..	3 40@3 60	5 25@5 40	3 30@3 40
19..	6 00@6 50	8 25@9 00	8 25@8 75	19..	3 40@3 60	5 30@5 50	3 30@3 40
26..	6 00@6 50	8 25@9 00	8 25@8 75	26..	3 40@3 60	5 40@5 60	3 30@3 40
December 3..	6 50@7 00	8 75@9 25	8 50@9 00	December 3..	3 40@3 60	5 40@5 60	3 40@3 50
10..	6 50@7 00	8 75@9 25	8 50@9 00	10..	3 40@3 60	5 40@5 60	3 40@3 50
17..	6 50@7 00	8 75@9 00	9 00@9 50	17..	3 40@3 60	5 40@5 60	4 00@4 25
24..	6 50@7 00	8 75@9 00	9 00@9 50	24..	3 40@3 60	5 40@5 60	4 00@4 25
31..	6 50@7 00	8 75@9 00	9 50@10 00	31..	3 40@3 60	5 40@5 60	4 00@4 25

## PRICES OF FLAXSEED.

Monthly range in prices of Flaxseed, per bushel, during the year 1895:

January .....	\$1 12	April .....	\$1 12	July .....	\$1 25	October .....	\$1 00
February .....	1 12	May .....	1 12	August .....	1 00@1 25	November .....	90@1 00
March .....	1 12	June .....	1 12@1 25	September .....	1 00	December .....	90



## PRICES OF HAY AND DOMESTIC SALT.

Prices of No. 1 Timothy Hay, loose pressed, per ton, on arrival, and of Ohio River and Kanawha Salt, per barrel of 280 pounds, at Cincinnati, on Tuesday of each week, in three years:

HAY.				SALT.			
DATES.	1895	1894	1893	DATES.	1895	1894	1893
January 1..	\$10 00@10 25	\$11 50@12 00	\$11 00@11 50	January 1..	85@90	80@85	85@ 95
8..	10 25@10 50	11 50@12 00	11 50@12 00	8..	85@90	80@85	85@ 95
15..	10 25@10 75	11 50@12 00	11 50@12 00	15..	85@90	80@85	95@1 05
22..	10 50@10 75	11 50@12 00	12 00@12 50	22..	85@90	80@85	95@1 05
29..	10 00@10 50	11 50@12 00	12 50@13 50	29..	85@90	80@85	95@1 05
February 5..	10 25@10 50	11 50@12 00	12 50@13 50	February 5..	85@90	80@85	95@1 05
12..	10 00@10 25	11 50@12 00	12 50@13 50	12..	85@90	80@85	90@ 95
19..	10 00@10 25	11 50@12 00	12 50@13 50	19..	85@90	80@85	90@ 95
26..	10 00@10 50	11 50@12 00	12 50@13 50	26..	85@90	80@85	90@ 95
March 5..	10 00@10 50	11 00@11 50	12 00@12 50	March 5..	85@90	80@85	90@ 95
12..	10 50	11 00@11 50	12 00@12 50	12..	85@90	80@85	85@ 90
19..	10 50	11 00@11 50	12 00@12 50	19..	85@90	80@85	85@ 90
26..	10 50	11 00@11 50	12 00@12 50	26..	85@90	80@85	85@ 90
April 2..	10 00@10 50	11 00@11 50	12 00@12 50	April 2..	85@90	80@85	85@ 90
9..	10 00@10 50	11 00@11 50	12 00@12 50	9..	85@90	80@85	85@ 90
16..	10 50	11 00@11 50	12 50@13 00	16..	85@90	80@85	85@ 90
23..	10 75@11 00	11 00@11 50	12 50@13 00	23..	85@90	80@85	85@ 90
30..	11 00	11 00@11 50	12 50@13 00	30..	85@90	80@85	83@ 90
May 7..	11 00	11 00@11 50	12 50@13 00	May 7..	85@90	80@85	83@ 90
14..	10 75@11 00	11 00@11 75	12 50@13 00	14..	85@90	80@85	83@ 90
21..	10 75@11 00	11 00@11 75	13 00	21..	80@85	80@85	83@ 90
28..	11 00	11 00@11 75	13 00	28..	80@85	80@85	83@ 90
June 4..	11 00	11 00@11 75	13 50@14 00	June 4..	80@85	80@85	83@ 90
11..	11 50@12 00	11 00@11 75	13 50@14 00	11..	80@85	80@85	83@ 90
18..	18 00@19 00	11 50@12 00	13 50@14 00	18..	80@85	80@85	83@ 90
25..	15 50@16 00	11 50@12 00	13 50	25..	80@85	80@85	83@ 90
July 2..	15 00@15 50	11 50@12 50	13 50	July 2..	80@85	80@85	83@ 90
9..	15 50@15 50	11 50@12 50	13 00	9..	80@85	80@85	83@ 90
16..	15 00@16 00	12 00@12 50	13 00	16..	80@85	80@85	83@ 90
23..	16 50@17 00	12 00@12 50	13 00	23..	80@85	80@85	83@ 90
30..	16 50@17 00	12 00@12 50	13 50	30..	80@85	80@85	83@ 90
August 6..	12 50	11 00@11 25	13 50	August 6..	80@85	80@85	83@ 90
13..	12 50	10 00@10 50	12 50@13 00	13..	80@85	80@85	83@ 90
20..	13 50@14 00	10 25@10 50	12 50@13 00	20..	80@85	80@85	88@ 95
27..	13 00@13 50	9 75@10 25	12 00@13 00	27..	80@85	85@90	88@ 95
September 3..	13 50@14 00	9 75@10 25	12 00@13 00	September 3..	80@85	85@90	90@ 95
10..	13 50@14 00	10 00@10 50	12 00@13 00	10..	80@85	85@90	90@ 95
17..	13 75@14 00	10 00@10 50	12 00@12 50	17..	80@85	85@90	90@ 95
24..	13 00@13 50	10 00@10 50	12 50	24..	80@85	85@90	90@ 95
October 1..	13 50@14 00	9 50@10 00	12 50	October 1..	80@85	85@90	90@ 95
8..	14 00	9 00@9 50	12 50	8..	80@85	85@90	90@ 95
15..	14 00@14 50	9 50@10 00	12 50@13 00	15..	80@85	85@90	90@ 95
22..	14 00@14 75	9 00@9 50	12 00@12 50	22..	80@85	85@90	90@ 95
29..	13 75@14 50	9 00@9 50	11 50@12 00	29..	80@85	85@90	85@ 90
November 5..	14 50@15 00	9 50@10 00	11 00@11 50	November 5..	80@85	85@90	85@ 90
12..	14 00@14 75	10 00@10 25	11 00@11 50	12..	80@85	85@90	80@ 85
19..	14 00@14 75	10 00@10 50	11 00@11 50	19..	80@85	85@90	80@ 85
26..	14 00@14 75	10 00@10 50	11 00@12 00	26..	80@85	85@90	80@ 85
December 3..	14 00@14 75	10 00@10 50	11 50@12 50	December 3..	80@85	85@90	80@ 85
10..	14 00@14 75	10 00@10 25	12 00@12 50	10..	80@85	85@90	80@ 85
17..	13 75@14 50	10 00@10 25	12 00@12 50	17..	80@85	85@90	80@ 85
24..	13 75@14 50	10 00@10 25	11 50@12 00	24..	80@85	85@90	80@ 85
31..	13 75@14 50	10 00@10 25	11 50@12 00	31..	80@85	85@90	80@ 85

## PRICES OF HAY BY GRADES.

Prices of Hay, at Cincinnati, at the close of December, as indicated:

KINDS.	1895	1894	1893	1892	1891-92	1890-91
No. 1 Timothy, on arrival.....	\$13 50@14 25	\$10 00@10 50	\$11 50@12 00	\$11 00@11 50	\$10 00@10 50	\$11 00@11 50
No. 2 Timothy, on arrival.....	11 75@12 50	8 50@9 50	9 00@10 00	10 00@10 50	9 00@9 50	10 00@10 50
Mixed, on arrival.....	9 00@11 75	7 00@8 00	8 00@9 00	8 00@9 50	8 00@8 50	9 00@9 50

## PRICES OF OILS AND TALLOW.

Quotations for Lard Oil, Linseed Oil, Petroleum (Carbon Oil, 120° flash test), per gallon, and Tallow, per pound, at Cincinnati, on Tuesday of each week, in two years, as indicated:

DATES.	LARD OIL.		LINSEED OIL.		CARBON OIL.		TALLOW.	
	1895	1894	1895	1894	1895	1894	1895	1894
January 1....	54@60	72@75	53@55	44	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	5	5 <sup>1</sup> / <sub>2</sub>
8....	58@60	72@75	53@55	44	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	5	5 <sup>1</sup> / <sub>2</sub>
15....	59@61	72@75	54@56	44	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
22....	59@61	72@75	54@56	44	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
29....	58@60	72@75	54@56	48	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
February 5....	55@58	72@75	56@58	48	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
12....	55@58	70@73	56@58	48	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
19....	55@58	70@73	57@59	48	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
26....	55@58	68@70	57@59	50	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
March 5....	55@58	68@70	57@59	50	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
12....	55@58	65@68	57@59	50	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
19....	56@59	65@68	57@59	50	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
26....	57@60	65@68	57@59	48	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
April 2....	57@60	62@65	57@59	48	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>	5
9....	57@60	65@68	57@59	47	6 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>	5
16....	57@60	67@70	57@59	45	7 <sup>1</sup> / <sub>2</sub> @8	6@61 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>	5
23....	57@60	67@70	57@59	45	9 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>
30....	57@60	67@70	57@59	45	9 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>
May 7....	57@60	65@67	55@57	47	9 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	5	5 <sup>1</sup> / <sub>2</sub>
14....	57@60	65@67	55@57	50	9 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub> @47 <sup>1</sup> / <sub>8</sub>	5
21....	57@60	65@67	55@57	50	9 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>	5
28....	53@55	59@62	55@57	50	9 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>	5
June 4....	53@55	59@62	57@60	50	9 @61 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub> @5
11....	53@55	57@60	58@61	50	8 <sup>1</sup> / <sub>2</sub> @9	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub> @47 <sup>1</sup> / <sub>8</sub>
18....	*50@52	*53@56	58@61	52	8 <sup>1</sup> / <sub>2</sub> @9	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub> @47 <sup>1</sup> / <sub>8</sub>
25....	50@52	53@56	59@62	52	8 @8 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>
July 2....	50@52	53@56	59@62	52	8 @8 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>
9....	50@52	53@56	59@62	52	8 @8 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>
16....	50@52	53@56	59@62	52	8 @8 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>
23....	50@52	53@56	59@62	52	8 @8 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>
30....	50@52	53@56	57@60	52	8 @8 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub> @48 <sup>1</sup> / <sub>8</sub>
August 6....	50@52	53@56	55@58	52	8 @8 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>
13....	50@52	53@56	53@56	50	8 @8 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5
20....	50@52	55@58	48@50	50	8 @8 <sup>1</sup> / <sub>2</sub>	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
27....	50@52	55@58	42@44	48	7 <sup>1</sup> / <sub>2</sub> @8	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
September 3....	50@52	60@65	40@42	48	7 <sup>1</sup> / <sub>2</sub> @8	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
10....	50@52	65@70	40@42	47	7 <sup>1</sup> / <sub>2</sub> @8	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
17....	50@52	*65@70	40@42	49	7 <sup>1</sup> / <sub>2</sub> @8	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
24....	*50@52	72@75	35@37	51	7 <sup>1</sup> / <sub>2</sub> @8	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
October 1....	53@55	72@75	38@40	51	7 <sup>1</sup> / <sub>2</sub> @8	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
8....	53@55	65@70	40@42	51	7 <sup>1</sup> / <sub>2</sub> @8	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
15....	53@55	65@70	40@42	51	7 <sup>1</sup> / <sub>2</sub> @8	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
22....	53@55	62@67	40@42	53	7 <sup>1</sup> / <sub>2</sub> @8	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
29....	53@55	60@65	40@42	53	7 <sup>1</sup> / <sub>2</sub> @8	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>
November 5....	53@55	60@65	38@40	53	7 <sup>1</sup> / <sub>2</sub> @8	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>
12....	53@55	60@65	38@40	53	7 <sup>1</sup> / <sub>2</sub> @8	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>
19....	53@55	60@65	38@40	53@55	8 @9	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>
26....	52@54	58@60	38@40	53@55	8 @9	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>
December 3....	52@54	58@60	38@40	53@55	8 @9	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5
10....	50@52	58@60	37@39	53@55	8 @9	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5
17....	50@52	58@60	37@39	53@55	8 @9	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5
24....	50@52	58@60	37@39	53@55	8 @9	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5
31....	50@52	58@60	37@39	53@55	8 @9	6@61 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	5

\* Extra summer test, from June 18 to September 24, inclusive, in 1895, and from June 19 to September 18, inclusive, in 1894. Extra during the remainder of the period.

## EXPORTS OF OIL.

Exports of Refined Petroleum from the United States, stated in gallons:

1883-84.....	441,176,000	1886-87.....	513,491,000	1889-90.....	566,447,000	1892-93.....	691,969,000
1884-85.....	487,068,000	1887-88.....	491,443,000	1890-91.....	616,844,000	1893-94.....	786,115,000
1885-86.....	494,308,000	1888-89.....	541,564,000	1891-92.....	611,229,000	1894-95.....	773,079,000

## PRICES OF WOOL.

Prices of Wool, per pound, at Cincinnati, on Tuesday of each week, in two years, as indicated:

DATES.		TUB-WASHED.		UNWASHED MANUFACTURING.		OHIO FLEECE.		UNWASHED COMBING.	
		1895	1894	1895	1894	1895	1894	1895	1894
January	1.....	19@22	23@27	15@17	18@20	14@20	18@27	16@19	20@22
	8.....	19@22	23@27	15@17	18@20	14@20	18@27	16	20@22
	15.....	19@22	23@27	15@17	18@20	14@20	18@27	16	20@22
	22.....	19@22	23@27	15@17	18@20	14@20	18@27	16	20@22
	29.....	19@22	23@27	15@17	18@20	14@20	18@27	16	20@22
February	5.....	19@22	23@27	15@17	18@20	14@20	18@27	16	20@22
	12.....	19@22	23@27	15@17	18@20	14@20	18@27	16	20@22
	19.....	20@23	24@28	16@18	19@21	15@21	19@25	17@20	20@22
	26.....	20@23	24@28	16@18	19@21	15@21	19@25	17@20	20@22
	5.....	20@23	24@28	16@18	19@21	15@21	19@25	17@20	20@22
March	12.....	20@23	24@28	16@18	19@21	15@21	19@25	17@20	20@22
	19.....	20@23	24@28	16@18	19@21	15@21	19@25	17@20	20@22
	26.....	20@23	24@28	16@18	19@21	15@21	19@25	17@20	20@22
	2.....	20@23	24@28	16@18	19@21	15@21	19@25	17@20	20@22
	9.....	20@23	24@28	16@18	19@21	15@21	19@25	17@20	20@22
April	16.....	20@23	24@28	16@18	19@21	15@21	19@25	17@20	20@22
	23.....	20@23	24@28	16@18	19@21	15@21	19@25	17@20	20@22
	30.....	21@24	24@28	16@18	19@21	16@21	19@25	17@20	20@22
	7.....	21@24	22@24	16@18	17@19	16@21	17@23	17@20	18@20
	14.....	21@24	22@24	16@18	17@19	16@21	17@23	17@20	18@20
May	21.....	21@24	22@24	16@18	17@19	16@21	17@23	17@20	18@20
	28.....	21@24	22@24	16@18	17@19	16@21	17@23	17@20	18@20
	4.....	21@24	22@24	16@18	17@19	16@21	17@23	17@20	18@20
	11.....	21@24	22@24	16@18	17@19	16@21	17@23	17@20	18@20
	18.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
June	25.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
	2.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
	9.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
	16.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
	23.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
July	30.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
	6.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
	13.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
	20.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
	27.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
August	3.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
	10.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
	17.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
	24.....	22@25	21@23	17@19	15@17	17@22	15@22	18@20	16@19
	31.....	22@25	19@22	17@19	15@17	17@22	14@20	18@20	16@19
September	7.....	22@25	19@22	17@19	15@17	17@22	14@20	18@20	16@19
	14.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	21.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	28.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	5.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
October	12.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	19.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	26.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	3.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	10.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
November	17.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	24.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	31.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	7.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	14.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
December	21.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	28.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	4.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	11.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19
	18.....	21@24	19@22	16@18	15@17	16@21	14@20	17@19	16@19

## PRODUCTION OF WOOL.

Yearly production of Wool in the United States, in pounds, as indicated:

1879-80.....	232,000,000	1883-84.....	300,000,000	1887-88.....	269,000,000	1891-92.....	294,000,000
1880-81.....	240,000,000	1884-85.....	308,000,000	1888-89.....	265,000,000	1892-93.....	303,000,000
1881-82.....	272,000,000	1885-86.....	302,000,000	1889-90.....	276,000,000	1893-94.....	298,000,000
1882-83.....	290,000,000	1886-87.....	285,000,000	1890-91.....	285,000,000	1894-95.....	309,000,000

## PRICES OF SUGAR AND MOLASSES.

Quotations for Prime New Orleans Sugar, and A White and Hards, per pound, and for Prime New Orleans Molasses, per gallon, at Cincinnati, on Tuesday of each week, in two years:

DATES.	SUGAR.						MOLASSES.	
	PRIME NEW ORLEANS.		A WHITE.		HARDS.		PRIME NEW ORLEANS.	
	1895	1894	1895	1894	1895	1894	1895	1894
January 1.....	3½	3½	3.89@4.07	4.13@4.26	4.32@5.07	4.57@5.38	31@33	30@33
8.....	3½	3½	3.89@4.07	4.19@4.32	4.32@5.07	4.57@5.32	31@33	30@33
15.....	3½	3½	3.89@4.07	4.31@4.44	4.32@5.07	4.69@5.44	31@33	30@33
22.....	3½	3½	3.89@4.07	4.31@4.44	4.32@5.07	4.62@5.44	31@33	30@33
29.....	3½	3½	3.89@4.07	4.19@4.32	4.32@5.07	4.57@5.32	31@33	30@32
February 5.....	3½	3½	3.89@4.07	4.26@4.38	4.32@5.07	4.63@5.38	31@33	30@32
12.....	3½	3½	3.88@4.07	4.38@4.50	4.26@4.88	4.76@5.50	31@33	30@32
19.....	3½	3½	3.94@4.07	4.38@4.50	4.32@4.94	4.76@5.50	31@33	30@32
26.....	3½	3½	3.94@4.07	4.38@4.50	4.32@4.94	4.76@5.50	31@33	30@32
March 5.....	3½	3½	3.94@4.07	4.38@4.50	4.32@4.94	4.76@5.50	31@33	30@32
12.....	3½	3½	4.07@4.20	4.38@4.50	4.44@5.07	4.76@5.50	28@30	30@32
19.....	3½	3½	4.07@4.20	4.26@4.38	4.44@5.07	4.63@5.38	28@30	30@32
26.....	3½	3½	4.07@4.20	4.19@4.31	4.44@5.07	4.56@5.31	28@30	30@32
April 2.....	3½	3½	4.07@4.20	4.19@4.31	4.44@5.07	4.56@5.31	28@30	30@32
9.....	3½	3½	4.07@4.20	4.19@4.31	4.44@5.07	4.56@5.31	28@30	30@32
16.....	3½	3½	4.07@4.20	4.19@4.31	4.44@5.07	4.56@5.31	28@30	30@32
23.....	3½	3½	4.07@4.20	4.19@4.31	4.44@5.07	4.56@5.31	28@30	30@32
30.....	3½	3½	4.14@4.26	4.01@4.13	4.50@5.13	4.44@5.19	28@30	30@32
May 7.....	3½	3½	4.14@4.26	4.14@4.26	4.50@5.13	4.50@5.25	26@28	30@32
14.....	3½	3½	4.63@4.69	4.14@4.26	4.94@5.19	4.50@5.25	26@28	30@32
21.....	3½	3½	4.63@4.69	4.19@4.26	4.94@5.19	4.50@5.25	26@28	30@32
28.....	3½	3½	4.63@4.69	4.07@4.19	4.94@5.57	4.44@5.26	26@28	30@32
June 4.....	3½	3½	4.63@4.69	3.94@4.07	4.94@5.57	4.38@5.19	26@28	30@32
11.....	3½	3½	4.63@4.69	4.13@4.26	4.94@5.57	4.50@5.32	26@28	30@32
18.....	3½	3½	4.63@4.69	4.19@4.32	4.94@5.57	4.57@5.38	26@28	30@32
25.....	3½	3½	4.63@4.69	4.19@4.32	4.94@5.57	4.69@5.38	26@28	30@32
July 2.....	3½	3½	4.63@4.69	4.13@4.26	4.94@5.57	4.57@5.38	26@28	30@32
9.....	3½	3½	4.63@4.69	4.13@4.26	4.94@5.57	4.57@5.38	26@28	30@32
16.....	3½	3½	4.63@4.69	4.32@4.50	4.94@5.57	4.82@5.63	26@28	30@32
23.....	3½	3½	4.63@4.69	4.32@4.50	4.94@5.57	4.82@5.63	26@28	30@32
30.....	3½	3½	4.63@4.69	4.44@4.69	4.94@5.57	4.94@5.68	26@28	33@35
August 6.....	3½	3½	4.63@4.69	4.44@4.69	4.94@5.57	4.94@5.68	26@28	33@35
13.....	3½	3½	4.63@4.69	4.56@4.81	4.94@5.57	5.06@5.75	26@28	33@35
20.....	3½	3½	4.63@4.69	4.56@4.81	4.94@5.57	5.06@5.75	26@28	33@35
27.....	3½	3½	4.32@4.44	4.81@5.07	4.69@5.32	5.32@6.01	26@28	33@35
September 3.....	3½	3½	4.32@4.44	4.81@5.07	4.69@5.32	5.32@6.01	26@28	33@35
10.....	3½	3½	4.38@4.50	4.81@5.07	4.75@5.38	5.32@6.01	26@28	33@35
17.....	3½	3½	4.44@4.57	4.69@4.95	4.82@5.44	5.20@5.89	26@28	33@35
24.....	3½	3½	4.63@4.69	4.51@4.70	4.94@5.57	5.01@5.57	28@30	33@35
October 1.....	3½	3½	4.69@4.76	4.51@4.70	5.01@5.63	5.01@5.57	28@30	33@35
8.....	3½	3½	4.81@4.88	4.45@4.64	5.13@5.75	4.95@5.51	28@30	33@35
15.....	3½	3½	4.66@4.72	4.45@4.64	4.96@5.60	4.95@5.51	27@29	33@35
22.....	3½	3½	4.66@4.72	4.45@4.64	4.96@5.60	4.95@5.51	27@29	33@35
29.....	3½	3½	4.58@4.64	4.13@4.38	4.89@5.52	4.69@5.25	28@30	33@35
November 5.....	3½	3½	4.46@4.52	4.07@4.32	4.77@5.52	4.57@5.13	28@30	33@35
12.....	3½	3½	4.46@4.52	4.19@4.44	4.77@5.52	4.69@5.25	28@30	33@35
19.....	3½	3½	4.46@4.52	4.32@4.44	4.77@5.40	4.69@5.38	28@30	33@35
26.....	3½	3½	4.46@4.52	4.26@4.32	4.77@5.40	4.57@5.38	28@30	31@33
December 3.....	3½	3½	4.41@4.47	4.13@4.26	4.72@5.35	4.44@5.38	28@30	31@33
10.....	3½	3½	4.53@4.59	3.89@4.07	4.84@5.47	4.38@5.07	32@33	31@33
17.....	3½	3½	4.53@4.59	3.89@4.07	4.84@5.47	4.38@5.07	32@33	31@33
24.....	3½	3½	4.53@4.59	3.89@4.07	4.84@5.47	4.32@5.07	32@33	31@33
31.....	3½	3½	4.90@4.96	3.89@4.07	5.21@5.83	4.32@5.07	32@33	31@33

## PRICES OF COFFEE AND RICE.

Quotations for Fair Rio Coffee, and for Louisiana Rice, per pound, at Cincinnati, on Tuesday of each week, in three years:

FAIR RIO COFFEE.				LOUISIANA RICE.			
DATES.	1895	1894	1893	DATES.	1895	1894	1893
January 1.....	19 $\frac{3}{4}$	21 $\frac{1}{4}$	19 $\frac{1}{4}$	January 1.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
8.....	20	21 $\frac{1}{4}$	19 $\frac{3}{4}$	8.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
15.....	20 $\frac{1}{4}$	21 $\frac{1}{4}$	19 $\frac{3}{4}$	15.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
22.....	20	21	20	22.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
29.....	20 $\frac{1}{4}$	21	20 $\frac{1}{4}$	29.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
February 5.....	20 $\frac{1}{4}$	21	20 $\frac{1}{2}$	February 5.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
12.....	20	21	20 $\frac{1}{2}$	12.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
19.....	20	21	20 $\frac{1}{2}$	19.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
26.....	20	20 $\frac{3}{4}$	20 $\frac{1}{2}$	26.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
March 5.....	20	20 $\frac{3}{4}$	20 $\frac{1}{2}$	March 5.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
12.....	20	20 $\frac{3}{4}$	20 $\frac{1}{2}$	12.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
19.....	20	20 $\frac{3}{4}$	20 $\frac{1}{2}$	19.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
26.....	20	20 $\frac{3}{4}$	20 $\frac{1}{2}$	26.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
April 2.....	20	20 $\frac{3}{4}$	20 $\frac{1}{2}$	April 2.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
9.....	20	20 $\frac{3}{4}$	20 $\frac{1}{2}$	9.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
16.....	19 $\frac{3}{4}$	20 $\frac{3}{4}$	19 $\frac{3}{4}$	16.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
23.....	19 $\frac{1}{2}$	20 $\frac{1}{2}$	19 $\frac{3}{4}$	23.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
30.....	19 $\frac{1}{2}$	20 $\frac{1}{2}$	20	30.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
May 7.....	19 $\frac{1}{2}$	20 $\frac{1}{2}$	20	May 7.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
14.....	19 $\frac{1}{2}$	20 $\frac{1}{2}$	20	14.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
21.....	19 $\frac{1}{2}$	20 $\frac{1}{2}$	20 $\frac{1}{2}$	21.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
28.....	19 $\frac{1}{2}$	19 $\frac{1}{2}$	20 $\frac{1}{2}$	28.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
June 4.....	19 $\frac{3}{4}$	19 $\frac{1}{2}$	20 $\frac{1}{2}$	June 4.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
11.....	19 $\frac{3}{4}$	19 $\frac{1}{2}$	20 $\frac{1}{2}$	11.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
18.....	19 $\frac{3}{4}$	19 $\frac{1}{2}$	20 $\frac{1}{2}$	18.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
25.....	19 $\frac{3}{4}$	19 $\frac{1}{2}$	20 $\frac{1}{2}$	25.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
July 2.....	19 $\frac{3}{4}$	20	20 $\frac{1}{2}$	July 2.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
9.....	19 $\frac{3}{4}$	20	20 $\frac{1}{2}$	9.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
16.....	19 $\frac{3}{4}$	20 $\frac{1}{4}$	20 $\frac{1}{2}$	16.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
23.....	19 $\frac{3}{4}$	20 $\frac{1}{4}$	20 $\frac{1}{2}$	23.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
30.....	19 $\frac{7}{8}$	20	20 $\frac{1}{2}$	30.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
August 6.....	20	20	20 $\frac{1}{2}$	August 6.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
13.....	20	20	20 $\frac{1}{2}$	13.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
20.....	20	20	19 $\frac{3}{4}$	20.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
27.....	19 $\frac{7}{8}$	20	19 $\frac{3}{4}$	27.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
September 3.....	20 $\frac{1}{4}$	20	20 $\frac{1}{2}$	September 3.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
10.....	20 $\frac{1}{4}$	19 $\frac{3}{4}$	20 $\frac{1}{2}$	10.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
17.....	20 $\frac{1}{4}$	19 $\frac{3}{4}$	21 $\frac{1}{4}$	17.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
24.....	20 $\frac{3}{4}$	20	21	24.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
October 1.....	20 $\frac{3}{4}$	19 $\frac{3}{4}$	21 $\frac{1}{4}$	October 1.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
8.....	21	19 $\frac{3}{4}$	21 $\frac{1}{4}$	8.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
15.....	20	19 $\frac{3}{4}$	21 $\frac{1}{4}$	15.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
22.....	20	19 $\frac{3}{4}$	21 $\frac{1}{4}$	22.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
29.....	19 $\frac{3}{4}$	19 $\frac{3}{4}$	21 $\frac{1}{4}$	29.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
November 5.....	19 $\frac{3}{4}$	20	21 $\frac{1}{4}$	November 5.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
12.....	19 $\frac{3}{4}$	20	21 $\frac{1}{4}$	12.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
19.....	19 $\frac{1}{2}$	20	21 $\frac{1}{4}$	19.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
26.....	19 $\frac{1}{4}$	20	21	26.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
December 3.....	19	20 $\frac{1}{4}$	21	December 3.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
10.....	19	20 $\frac{1}{4}$	21	10.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
17.....	19	19 $\frac{3}{4}$	21	17.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
24.....	19	19 $\frac{3}{4}$	21	24.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$
31.....	19	19 $\frac{3}{4}$	21 $\frac{1}{4}$	31.....	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$

## United States Imports of Sugar, Coffee, Rice and Tea, representing pounds:

ARTICLES.	1894-95	1893-94	1892-93	1891-92	1890-91
Sugar.....	3,574,435,000	4,345,194,000	3,781,935,000	3,556,509,000	3,488,477,000
Coffee.....	652,203,000	550,934,000	563,469,000	632,942,000	519,528,000
Rice.....	219,513,000	142,162,000	147,484,000	140,614,000	206,522,000
Tea.....	97,250,000	93,519,000	89,061,000	90,079,000	83,453,000

## PRICES OF GROCERIES.

Prices of all grades of Coffee, per pound, at Cincinnati, at the close of August, in six years, as indicated :

GRADES.	1892	1891	1890	1889	1888	1887
Rio. common.....	13½ @14½	18 @18½	18 @18½	16 @16½	13 @13½	18¾ @19
Rio, ordinary.....	15 @15½	18½ @19	19 @19½	17 @17½	14 @14½	19 @19½
Rio, fair.....	16 @16½	19 @19½	20 @20½	17½ @17¾	15 @15½	19¾ @20
Rio, good.....	17½ @18½	19½ @20	20½ @21½	18 @18½	15¾ @16	20 @20½
Rio, prime.....	19 @19½	20 @20½	21½ @21¾	18½ @19	16½ @17	20½ @21
Rio, choice.....	19½ @20	20½ @21	21¾ @22	19½ @20	17½ @18	21½ @21½
Rio, fancy.....	20½ @21½	21 @22	22 @22½	20½ @21	18 @19	23 @23½
Java, Government.....	24 @28	24 @26	23 @28	23 @26	23 @26	27 @28
Mocha.....	25 @28	26 @27	26 @28	28 @29	25 @26	27 @28

The grades of Rio Coffee were changed on November 4, 1892, and at the close of December, the prices per pound, in years indicated, were as follows:

GRADES.	1895	1894	1893	GRADES.	1895	1894	1893
Rio, prime.....	20	20½	20½	Rio, ordinary.....	17	18½	18½
Rio, good.....	19¾	20	20	Rio, low ordinary.....	16	17	17½
Rio, fair.....	19	19¾	19½	Rio, strict good common.....	15½	16	17¼
Rio, low fair.....	18½	19½	19	Rio, good common.....	15	15	16¾
Rio, good ordinary.....	17¾	18¾	18½	Rio, common.....	14½	14½	16½

NOTE.—At corresponding dates other Coffees were quoted as follows: Java (Government), 1895, 23¼ @29¼; 1894, 25 @29½; 1893, 25 @29. Mocha, 1895, 26½ @27½; 1894, 27 @28; 1893, 24 @25.

Prices of the various kinds of Sugar, per pound, at Cincinnati, at the close of December, as indicated :

KINDS.	1895	1894	1893	KINDS.	1895	1894	1893
New Orleans, choice.....	3½	3¾	3¾	Refined, cubes.....	5.46	4.57	4.94
" " prime.....	3½	3¾	3¾ @3¾	" powdered.....	5.46	4.57	4.94
" " fully fair.....	3¼	3¾	3¾ @3¾	" granulated.....	5.21	4.32	4.69
" " good fair.....	3¼	3¾	3¼ @3¾	" "A White".....	4.90 @4.96	3.89 @4.07	4.26 @4.38
" " fair.....	3¼	3	3 @3½	" extra "C".....	4.69 @4.89	3.64 @3.76	3.94 @4.07
" " common.....	3¼	°	°	" yellow.....	4.52 @4.57	3.51 @3.57	3.88 @4.01
" " clarified, white.....	4½ @4¾	4½	4½ @4¾				

\* None in the market.

Prices of the various kinds of Molasses and Syrups, per gallon, at Cincinnati, at the close of December, as indicated :

KINDS.	1895	1894	1893	KINDS.	1895	1894	1893
New Orleans, choice.....	35 @36	35	38 @40	New Orleans, fair.....	22 @24	25	20 @24
" " prime.....	32 @33	31 @33	30 @33	" " common.....	9 @12	20	12 @18
" " good.....	28 @30	29	25 @30	Sorghum, prime to choice	15 @16	16 @17	32 @33



## MOVEMENT OF GROCERIES.

Receipts and shipments of Sugar, Molasses, Coffee and Rice, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	SUGAR.				MOLASSES.		COFFEE.		RICE.	
	Receipts, hhd.	Shipm'ts, hhd.	Receipts, bbl.	Shipm'ts, bbl.	Receipts, bbl.	Shipm'ts, bbl.	Receipts, bags.	Shipm'ts, bags.	Receipts, bbl.	Shipm'ts, bbl.
1872-73 .....	16,840	9,171	123,038	70,880	34,776	18,334	144,887	97,815	11,520	.....
1873-74 .....	9,324	6,115	177,490	99,733	38,835	24,616	148,213	116,796	15,100	.....
1874-75 .....	11,573	7,305	169,435	99,530	43,698	27,212	198,621	126,242	16,428	.....
1875-76 .....	17,468	11,000	152,880	106,902	46,199	26,860	192,495	117,590	36,348	.....
1876-77 .....	22,823	17,818	162,475	109,106	44,077	27,477	188,844	158,590	35,122	.....
1877-78 .....	9,138	6,339	206,892	132,955	51,572	34,234	211,026	175,986	21,562	.....
1878-79 .....	28,751	21,330	142,586	94,015	42,337	35,800	222,399	177,575	20,402	.....
1879-80 .....	9,451	5,109	190,423	128,531	52,327	37,531	250,454	195,283	18,872	.....
1880-81 .....	11,900	4,735	191,923	115,143	68,964	42,606	201,707	140,607	27,428	.....
1881-82 .....	6,750	4,180	192,201	92,460	63,776	48,920	181,260	106,430	22,070	16,897
1882-83 .....	22,267	18,281	177,822	91,423	63,198	45,159	227,697	142,197	24,978	19,026
1883-84 .....	7,041	3,494	223,340	130,395	48,471	37,684	225,526	156,991	27,368	17,729
1884-85 .....	5,848	4,316	247,419	161,888	44,492	37,052	269,599	194,722	39,007	24,713
1885-86 .....	3,110	1,194	236,671	135,274	50,131	37,036	247,738	178,016	39,941	23,120
1886-87 .....	1,490	689	212,910	107,660	32,568	27,542	274,747	189,219	51,773	37,062
1887-88 .....	4,925	3,301	248,545	121,101	57,103	43,509	243,642	165,466	37,775	30,329
1888-89 .....	2,360	1,452	225,016	108,036	48,038	45,865	251,192	145,128	34,831	23,700
1889-90 .....	1,457	526	304,309	167,901	51,825	47,536	271,817	171,463	45,496	32,454
1890-91 .....	2,015	1,294	351,050	210,626	68,774	56,077	229,441	156,194	47,777	29,692
1891-92 .....	1,472	830	281,682	144,417	39,081	38,236	277,597	168,254	53,525	36,245
1892 .....	1,567	777	282,106	150,023	39,906	42,376	285,600	183,384	58,267	37,118
1893 .....	1,806	1,365	248,821	115,107	46,016	49,778	249,859	175,260	57,805	33,637
1894 .....	1,921	1,133	284,410	136,248	53,571	44,121	215,803	160,067	35,104	21,529
1895 .....	2,166	1,146	287,500	143,343	47,337	35,671	242,850	176,530	46,280	21,281

NOTE.—Molasses figures include Syrups. Rice in tierces is reduced to an equivalent in barrels.

## ANNUAL PRICES OF GROCERIES.

Average prices of Prime Rio Coffee, per pound; Sugar, Prime New Orleans, Hards, Good Fair and A White, per pound; Molasses, Prime New Orleans, per gallon; Rice, Carolina and Louisiana, per pound, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	COFFEE.	SUGAR.				MOLASSES.	RICE.	
	PRIME RIO.	PRIME N. ORLEANS	HARDS.	GOOD FAIR.	A WHITE.	PRIME N. ORLEANS	CAROLINA.	LOUISIANA.
1879-80 .....	17.70	8.48	10.42	7.90	9.90	47.54	7.37	7.00
1880-81 .....	14.67	8.19	10.54	7.65	9.76	49.98	6.90	6.10
1881-82 .....	12.34	8.21	10.29	7.73	9.49	60.25	7.46	7.26
1882-83 .....	10.50	7.83	9.64	7.33	8.96	55.02	7.07	6.42
1883-84 .....	12.87	7.15	8.32	6.65	7.76	52.32	6.51	5.89
1884-85 .....	10.88	6.03	7.00	5.53	6.40	48.70	6.29	5.94
1885-86 .....	10.20	6.01	7.16	5.42	6.62	43.03	5.92	5.16
1886-87 .....	16.79	5.49	6.51	4.99	5.93	42.31	5.46	4.68
1887-88 .....	18.99	5.61	7.40	5.36	6.69	41.50	5.92	5.54
1888-89 .....	18.37	6.75	8.49	6.25	7.70	41.21	5.85	5.06
1889-90 .....	20.81	5.84	7.39	5.30	6.81	40.39	6.01	5.11
1890-91 .....	20.87	4.95	6.12	4.69	5.39	34.60	6.53	5.38
1891-92 .....	18.55	3.70	4.89	3.47	4.31	34.31	5.94	5.01
1892 .....	18.73	3.59	5.04	3.34	4.49	31.73	5.83	4.65
1893 .....	20.52	3.85	5.64	4.00	5.04	33.27	5.93	4.31
1894 .....	20.76	3.45	5.06	3.36	4.36	32.11	5.71	4.93
1895 .....	20.52	3.52	5.03	3.39	4.42	28.97	5.48	4.31

## PRICES OF SUGAR AT NEW YORK.

Weekly quotations at New York, for six years, of 96 degrees Centrifugal Sugar (which closely represents the basis of refining grades), and of Granulated Sugar, per pound, as compiled and arranged by the Superintendent of the Cincinnati Chamber of Commerce from statistics by WILLETT & GRAY:

DATES.	1895		1894		1893		1892		1891		1890	
	96 Deg.	Gran.	96 Deg.	Gran.	96 Deg.	Gran.	96 Deg.	Gran.	96 Deg.	Gran.	96 Deg.	Gran.
January 3...	3.00	3.74	2.75	3.74	3.44	4.60	3.50	4.04	5.12	5.84	5.75	6.50
10...	3.00	3.74	2.87	3.98	3.44	4.60	3.47	3.92	5.12	5.84	5.62	6.50
17...	3.00	3.74	3.00	4.10	3.50	4.60	3.47	3.92	5.50	6.13	5.69	6.50
24...	3.03	3.74	3.00	4.04	3.50	4.60	3.44	3.92	5.50	6.00	5.62	6.37
31...	3.09	3.74	3.06	3.98	3.44	4.60	3.44	3.92	5.50	6.13	5.62	6.25
February 7...	3.12	3.68	3.25	4.04	3.44	4.60	3.44	3.92	5.62	0.37	5.62	6.37
14...	3.00	3.68	3.31	4.17	3.44	4.54	3.44	3.92	5.62	6.37	5.62	6.31
21...	3.00	3.74	3.31	4.17	3.37	4.47	3.41	3.92	5.62	6.41	5.62	6.31
28...	3.00	3.74	3.18	4.17	3.37	4.47	3.41	4.07	5.62	6.61	5.69	6.37
March 7...	3.00	3.80	3.18	4.17	3.37	4.47	3.37	4.19	5.62	6.37	5.69	6.44
14...	3.00	3.86	3.18	4.17	3.34	4.47	3.37	4.29	5.56	6.13	5.69	6.31
21...	3.00	3.86	3.00	3.98	3.50	4.54	3.25	4.29	5.68	6.13	5.44	6.12
28...	3.00	3.86	2.87	3.98	3.62	4.72	3.12	4.28	5.53	4.50	5.37	6.06
April 4...	3.00	3.86	2.87	3.98	3.75	4.84	3.12	4.28	5.62	4.50	5.37	6.00
11...	3.00	3.86	2.87	3.98	3.75	4.84	3.12	4.28	5.50	4.50	5.50	6.19
18...	3.00	3.86	2.75	3.98	3.87	4.90	3.12	4.18	3.50	4.50	5.50	6.19
25...	3.00	3.86	2.81	3.98	4.00	5.08	3.12	4.18	3.44	4.50	5.56	6.19
May 2...	3.12	3.98	2.87	3.86	4.00	5.08	3.12	4.22	3.25	4.37	5.56	6.06
9...	3.25	4.35	2.91	3.91	4.12	5.20	3.12	4.22	3.25	4.50	5.37	6.00
16...	3.37	4.35	2.81	3.91	4.00	5.08	3.06	4.22	3.25	4.25	5.37	6.00
23...	3.37	4.35	2.75	3.91	4.25	5.08	3.06	4.22	3.25	4.18	5.44	6.12
30...	3.37	4.35	2.87	3.86	4.25	5.08	3.06	4.22	3.25	4.12	5.50	6.31
June 6...	3.37	4.35	3.00	3.80	4.25	5.21	3.12	4.28	3.37	4.06	5.56	6.75
13...	3.31	4.35	3.12	3.98	4.50	5.27	3.12	4.28	3.41	4.06	5.44	6.62
20...	3.31	4.35	3.12	3.98	4.50	5.27	3.12	4.22	3.44	4.18	5.37	6.25
27...	3.25	4.35	3.12	3.98	4.37	5.27	3.12	4.28	3.37	4.25	5.37	6.25
July 4...	3.25	4.35	3.12	3.98	4.37	5.27	3.12	4.22	3.31	4.25	5.37	6.25
11...	3.25	4.35	3.18	3.98	4.37	5.34	3.06	4.16	3.37	4.31	5.44	6.25
18...	3.25	4.35	3.12	4.23	4.18	5.34	3.06	4.16	3.44	4.25	5.44	6.12
25...	3.25	4.35	3.12	4.23	3.75	5.08	3.12	4.22	3.31	4.25	5.50	6.12
August 1...	3.25	4.35	3.12	4.35	3.75	5.08	3.12	4.23	3.37	4.06	5.50	6.06
8...	3.31	4.35	3.37	4.47	3.75	5.08	3.18	4.23	3.44	4.12	5.62	6.12
15...	3.31	4.35	3.50	4.47	3.75	5.08	3.25	4.35	3.44	4.25	5.62	6.19
22...	3.25	4.23	3.75	4.60	3.50	5.08	3.37	4.47	3.44	4.18	5.69	6.19
29...	3.25	4.10	3.75	4.72	3.50	5.08	3.56	4.71	3.44	4.25	5.87	6.50
September 5...	3.25	4.16	3.75	4.72	3.50	5.08	3.56	4.90	3.50	4.31	6.06	6.62
12...	3.25	4.23	3.75	4.72	3.75	5.08	3.56	4.90	3.44	4.37	6.06	6.62
19...	3.31	4.41	3.75	4.54	3.84	5.08	3.62	4.90	3.44	4.37	6.00	6.62
26...	3.50	4.47	3.75	4.41	3.87	5.08	3.75	4.90	3.31	4.37	5.94	6.62
October 3...	3.56	4.53	3.75	4.35	3.87	5.08	3.50	4.72	3.37	4.37	5.94	6.62
10...	3.62	4.47	3.75	4.35	3.87	5.08	3.50	4.72	3.44	4.37	6.00	6.62
17...	3.62	4.47	3.50	4.35	4.00	5.08	3.44	4.72	3.27	4.06	6.00	6.62
24...	3.50	4.35	3.50	4.35	4.00	5.08	3.44	4.72	3.31	4.12	5.94	6.50
31...	3.40	4.23	3.50	3.98	3.25	4.72	3.37	4.72	3.44	4.06	5.87	6.37
November 7...	3.37	4.23	3.50	4.10	3.25	4.47	3.37	4.60	3.50	4.06	5.50	6.12
14...	3.37	4.23	3.50	4.10	3.18	4.47	3.37	4.60	3.50	4.25	5.50	6.12
21...	3.37	4.23	3.50	3.98	3.00	4.23	3.37	4.60	3.50	4.18	5.37	6.12
28...	3.37	4.35	3.50	3.98	3.00	4.23	3.37	4.60	3.50	4.18	5.37	6.12
December 5...	3.50	4.35	3.50	3.80	3.00	4.23	3.37	4.60	3.37	4.18	5.31	6.12
12...	3.50	4.35	3.25	3.74	2.87	4.23	3.37	4.60	3.31	4.00	5.25	6.00
19...	3.50	4.35	3.12	3.74	2.87	4.23	3.44	4.60	3.37	4.00	5.25	6.00
26...	3.75	4.72	3.12	3.74	2.87	4.10	3.44	4.60	3.37	4.00	5.25	6.00

*Centrifugals*—Average price for

1895.....	3.27	1893.....	3.69	1891.....	3.86	1889.....	6.43	1887.....	5.24
1894.....	3.24	1892.....	3.31	1890.....	5.44	1888.....	5.75	1886.....	5.33

*Granulated*.—Average price for

1895.....	4.15	1893.....	4.61	1891.....	4.04	1889.....	7.64	1887.....	6.01
1894.....	4.12	1892.....	4.34	1890.....	6.17	1888.....	7.01	1886.....	6.12

NOTE.—About 2 cents duty taken off April 1, 1891. On 96 degrees Sugar, discount of 2½ per cent. for cash for 1890; net cash for 1891, 1892, 1893 and 1894. On Granulated Sugar, discount of 2 per cent. for cash for 1890; net cash for 1891, 1892, 1893 and 1894. In 1894 the price includes 40 per cent. duty from August 28.



## MOVEMENT OF OILS AND TALLOW.

Receipts and shipments of Petroleum, Other Oils and Tallow, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently:

YEARS.	PETROLEUM.		OTHER OILS.		TALLOW.	
	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bbls.	Shipm'ts, bbls.	Receipts, tierces.	Shipm'ts, tierces.
1869-70.....	181,293	.....	24,437	142,390	20,277	2,320
1870-71.....	138,775	.....	19,446	155,198	28,473	2,317
1871-72.....	129,767	.....	21,547	138,264	24,286	3,755
1872-73.....	170,368	.....	23,494	182,231	36,934	5,149
1873-74.....	177,282	.....	21,804	196,513	39,412	9,320
1874-75.....	152,776	.....	30,000	167,783	33,397	3,804
1875-76.....	166,425	.....	59,964	187,843	28,009	5,490
1876-77.....	166,223	.....	59,992	210,584	28,194	2,504
1877-78.....	164,657	.....	54,285	202,653	30,432	3,262
1878-79.....	201,648	.....	71,074	247,866	27,412	4,846
1879-80.....	271,964	.....	80,745	304,351	35,379	2,496
1880-81.....	240,647	.....	129,886	270,168	40,771	10,783
1881-82.....	241,106	168,895	114,000	96,767	36,263	4,046
1882-83.....	219,068	123,216	135,959	111,542	32,936	10,319
1883-84.....	219,980	122,629	124,628	109,893	36,829	14,173
1884-85.....	234,467	150,612	90,675	68,960	41,223	12,987
1885-86.....	306,804	220,854	124,458	84,675	40,277	9,963
1886-87.....	469,940	359,052	107,783	79,414	44,548	13,912
1887-88.....	635,356	466,349	81,579	81,692	34,175	10,452
1888-89.....	533,188	335,658	90,954	60,117	39,617	3,699
1889-90.....	724,305	481,205	88,653	77,746	54,919	3,441
1890-91.....	679,996	492,187	141,025	106,684	75,277	5,760
1891-92.....	501,738	306,414	157,006	126,575	57,983	6,600
1892.....	481,935	274,302	150,000	124,153	60,958	5,559
1893.....	473,935	292,704	152,954	109,780	54,628	5,110
1894.....	490,856	206,605	200,808	140,267	50,999	4,533
1895.....	439,431	195,046	250,636	218,625	44,851	4,734

NOTE.—Petroleum shipments not reported separately from Other Oils previous to 1881-82.

## MONTHLY MOVEMENT OF SUGAR AND COFFEE.

Monthly receipts and shipments of Sugar and Coffee, at Cincinnati, for two years, ending December 31:

MONTHS.	SUGAR.								COFFEE.			
	Receipts.				Shipments.				Receipts.		Shipments.	
	1895		1894		1895		1894		1895	1894	1895	1894
	Hhds.	Bbls.	Hhds.	Bbls.	Hhds.	Bbls.	Hhds.	Bbls.	Bags.	Bags.	Bags.	Bags.
January.....	573	20,793	275	38,969	308	9,949	124	14,388	26,946	20,549	15,402	15,465
February.....	211	13,282	101	20,901	49	7,680	78	7,081	14,380	16,255	11,097	12,252
March.....	182	22,813	7	21,892	234	9,486	1	10,421	19,062	21,268	15,110	15,861
April.....	84	15,945	17	15,397	26	7,473	95	6,670	15,313	18,307	13,049	11,316
May.....	17	30,249	16	23,006	13	14,787	5	9,137	19,681	15,147	13,762	11,531
June.....	15	13,741	14	38,045	1	11,545	...	12,312	15,283	15,419	11,417	13,371
July.....	4	19,169	...	21,699	...	9,974	...	9,882	25,108	13,757	14,697	9,152
August.....	...	31,633	20	29,457	...	18,143	1	12,933	20,741	10,565	17,794	8,992
September.....	...	30,239	...	14,606	...	10,771	...	13,294	16,913	15,020	11,582	10,747
October.....	78	32,019	...	10,134	25	19,776	...	10,131	26,743	21,626	19,965	14,189
November.....	446	24,997	682	28,400	136	11,168	257	16,812	20,370	24,208	15,000	18,394
December.....	556	32,620	789	21,904	354	12,588	572	13,187	22,290	23,682	17,655	17,797

## PRICES OF CANDLES AND SOAP.

Monthly range of prices of Star Candles, per pound, at Cincinnati, as indicated:

MONTHS.	1895	1894	1893	MONTHS.	1895	1894	1893
January.....	8½	8½	8 @10	July.....	8	8½	8 @8½
February.....	8½	8½	10 @11	August.....	8	8½	8
March.....	8 @8½	8½ @8½	10 @12	September.....	8	8½	8
April.....	8	8½	9 @11	October.....	8	8½ @8½	8 @8½
May.....	8	8½	8½ @10	November.....	8	8½ @8½	8½
June.....	8	8½	8½	December.....	8	8½	8½

Prices of leading kinds of Soap, at Cincinnati, at the close of December, 1895, 1894 and 1893, and close of August previously, as indicated:

KINDS.	1895	1894	1893	1892	1891
German, per box (60 lbs.)...	\$2 60 @2 65	\$3 10 @3 15	\$3 10 @3 15	\$3 10 @3 15	\$3 10 @3 15
Oleine, " (60 lbs.)...	2 50 @2 60	3 05 @3 10	3 05 @3 10	3 10 @3 15	3 10 @3 15
Family, " (60 lbs.)...	2 35 @2 40	2 75 @2 80	2 75 @2 80	2 30 @2 35	2 30 @2 35
Castile, mottled, per lb. ....	6½ @ 8	7¼ @ 8	7¼ @ 8	7¼ @ 8	7¼ @ 8
Castile, white, " .....	11 @ 12½	11¼ @ 12	11¼ @ 12	11¼ @ 12	11¼ @ 12
Extra Olive, per box (60 lbs.)...	2 45 @2 50	2 85 @2 90	2 85 @2 90	2 65 @2 70	2 65 @2 70
Queen Olive, " (62½ lbs.) .....	.....	3 40 @3 45	3 40 @3 45	3 40 @3 45	3 40 @3 45
Lenox, " (75 lbs.) .....	3 20 @3 25	3 60 @3 65	3 60 @3 65	3 60 @3 65	3 60 @3 65
Town Talk, " (62½ lbs.) .....	2 95 @3 00	3 20 @3 25	3 20 @3 25	2 95 @3 00	2 95 @3 00
Ivory, " (62½ lbs.) .....	6 70 @6 75	6 70 @6 75	6 70 @6 75	6 70 @6 75	6 70 @6 75

## COMPARATIVE PRICES OF OILS.

Prices of Oils under the head of Petroleum, per gallon, which are quoted by the Chamber of Commerce, at Cincinnati, at the close of December, as indicated:

KINDS.	1895	1894	1893	1892	1891	1890	1889
Carbon oil, 110° fire test.....	.....	.....	.....	.....	.....	.....	7½ @ 8
" 120° flash test.....	8 @ 9	6 @ 6½	6 @ 6½	6 @ 6½	6 @ 6½	8 @ 8½	8½
" 150° W. W. ....	9 @ 10	7 @ 7½	7 @ 7½	7 @ 7½	7½ @ 8	10½ @ 11	10½ @ 11
" H. L., 175° fire test.....	10 @ 11	8 @ 8½	8 @ 8½	8 @ 8½	8½ @ 9	11 @ 11½	11 @ 11½
West Virginia, 28° gravity.....	22 @ 25	20 @ 22	20 @ 22	20 @ 22	20 @ 22	20 @ 22	20 @ 22
" 29° " .....	20 @ 23	18 @ 20	18 @ 20	18 @ 20	18 @ 20	18 @ 20	18 @ 20

## PRODUCTION OF STARCH.

Yearly production of Starch, in pounds, at Cincinnati, for years indicated:

1877-78.....	21,841,000	1883-84.....	22,045,000	1889-90.....	30,073,000
1878-79.....	24,766,000	1884-85.....	21,658,000	1890-91.....	26,780,000
1879-80.....	25,604,000	1885-86.....	23,685,000	1891-92.....	28,942,000
1880-81.....	24,225,000	1886-87.....	23,358,000	1893.....	22,099,000
1881-82.....	14,252,000	1887-88.....	22,576,000	1894.....	28,403,000
1882-83.....	20,135,000	1888-89.....	24,824,000	1895.....	28,630,000

## MOVEMENT OF CANDLES AND SOAP.

Receipts and shipments of Candles and Soap, in boxes, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently:

YEARS.	CANDLES.		SOAP.		YEARS.	CANDLES.		SOAP.	
	Receipts.	Shipm'ts.	Receipts.	Shipm'ts.		Receipts.	Shipm'ts.	Receipts.	Shipm'ts.
1865-66.....	2,847	249,134	.....	82,890	1881-82.....	2,360	249,002	55,604	518,928
1866-67.....	4,888	319,235	.....	98,805	1882-83.....	3,237	200,494	70,458	575,157
1867-68.....	804	278,450	.....	105,358	1883-84.....	8,724	189,765	94,053	671,188
1868-69.....	1,484	302,193	.....	128,283	1884-85.....	4,636	180,002	125,208	778,967
1869-70.....	2,260	273,122	.....	128,262	1885-86.....	6,574	166,621	115,646	790,582
1870-71.....	2,295	274,358	.....	137,434	1886-87.....	4,477	162,473	91,613	898,570
1871-72.....	1,713	249,949	.....	152,243	1887-88.....	4,055	155,889	101,532	858,515
1872-73.....	2,435	296,130	.....	183,573	1888-89.....	5,217	149,568	102,751	863,694
1873-74.....	4,066	263,123	.....	220,068	1889-90.....	6,301	171,159	140,575	927,608
1874-75.....	7,425	282,690	.....	239,312	1890-91.....	5,855	150,815	170,340	1,011,881
1875-76.....	8,161	265,844	.....	271,686	1891-92.....	7,568	189,717	143,624	1,066,926
1876-77.....	8,634	238,654	.....	332,533	1892.....	12,929	175,326	140,887	1,065,306
1877-78.....	7,976	231,727	.....	366,802	1893.....	7,559	168,105	136,977	1,063,153
1878-79.....	10,794	222,360	.....	448,972	1894.....	9,051	142,273	136,954	1,266,133
1879-80.....	7,234	258,397	.....	482,377	1895.....	10,408	130,548	137,180	1,287,321
1880-81.....	5,289	246,154	.....	485,134					

## RECEIPTS AND PRICES OF NAVAL STORES.

Receipts of the several articles of Naval Stores, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently:

ARTICLES.	1895	1894	1893	1892	1891-92	1890-91	1889-90	1888-89	1887-88	1886-87	1885-86
Pitch, bbls.....	556	1,040	2,154	1,962	2,816	2,431	1,676	1,767	4,675	2,759	984
Rosin, bbls.....	108,864	90,587	60,112	64,376	62,850	70,873	75,331	40,361	55,370	59,364	61,754
Tar, bbls.....	1,476	1,974	2,069	3,592	3,498	1,372	3,275	3,863	5,655	3,485	4,574
Turpentine, bbls.....	25,035	24,775	16,934	31,902	35,585	24,621	28,051	22,804	21,703	19,800	16,743
Totals.....	135,931	118,376	81,269	101,832	104,749	99,297	108,333	68,795	87,403	85,408	84,065

NOTE.—The price of Rosin, for 1895, ranged at \$1.85@2.20 per barrel for car lots, and \$1.75@2.00 for small lots from store; average, \$2.02 for car lots, \$1.90 for small lots. The price of Turpentine ranged at 29@42 cents per gallon; average, 32.30 cents. Average price for Turpentine:

1882-83.....	47.59	1887-88.....	39.29	1892.....	35.30
1883-84.....	35.63	1888-89.....	45.46	1893.....	34.35
1884-85.....	33.24	1889-90.....	44.94	1894.....	33.21
1885-86.....	37.50	1890-91.....	41.06	1895.....	32.30
1886-87.....	37.93	1891-92.....	35.74		

## EXPORTS OF SUGAR.

Exports of Refined Sugar from the United States, representing pounds, for fiscal years ending June 30, as indicated:

1883-84.....	75,921,000	1887-88.....	34,505,000	1891-92.....	14,604,000
1884-85.....	252,579,000	1888-89.....	14,167,000	1892-93.....	20,387,000
1885-86.....	164,340,000	1889-90.....	27,018,000	1893-94.....	14,778,000
1886-87.....	190,672,000	1890-91.....	108,228,000	1894-95.....	8,833,000

## MOVEMENT OF FLOUR, SEED, POTATOES AND COTTON.

Receipts and shipments of Flour, Grass Seed, Flaxseed, Potatoes and Cotton, at Cincinnati, for commercial and calendar years indicated:

YEARS.	FLOUR.		GRASS SEED.		FLAXSEED.		POTATOES.		COTTON.	
	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bags.	Shipm'ts, bags.	Receipts, bush.	Shipm'ts, bush.	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bales.	Shipm'ts, bales.
1874-75.....	697,578	473,460	65,067	50,465	41,004	14,820	269,417	117,078	151,980	150,550
1875-76.....	636,504	396,317	62,515	43,921	98,230	7,902	202,094	131,850	185,376	171,773
1876-77.....	540,128	296,373	69,007	57,613	117,868	10,570	172,754	93,950	175,527	171,834
1877-78.....	606,667	383,364	53,865	53,943	105,554	17,526	144,808	65,589	184,895	183,983
1878-79.....	613,914	398,353	55,712	50,605	78,300	19,420	180,209	102,541	248,069	244,532
1879-80.....	771,900	563,564	87,155	72,881	106,904	20,124	210,305	99,304	312,319	308,616
1880-81.....	852,955	642,338	66,187	64,247	93,072	35,252	239,953	104,996	325,371	318,003
1881-82.....	779,625	612,329	109,824	83,051	33,504	9,588	429,653	215,728	395,735	396,783
1882-83.....	1,144,464	1,014,379	77,353	74,446	25,548	11,792	445,822	243,570	383,131	376,912
1883-84.....	920,361	709,110	77,288	70,104	18,536	1,142	353,680	228,481	308,387	302,656
1884-85.....	874,548	585,080	85,900	83,509	10,463	2,952	517,619	248,863	276,636	272,447
1885-86.....	832,686	568,089	86,242	82,934	47,096	510	404,909	221,611	387,175	381,016
1886-87.....	1,043,057	807,110	116,172	104,582	54,425	31,567	301,913	178,967	341,100	332,142
1887-88.....	1,026,619	758,253	95,066	91,026	2,966	1,382	614,179	287,729	362,524	353,968
1888-89.....	1,055,122	769,563	100,043	82,279	25,538	18,216	621,821	323,517	365,896	351,272
1889-90.....	1,587,768	1,220,455	118,617	92,872	32,380	23,528	359,554	213,249	316,674	307,443
1890-91.....	1,712,475	1,430,076	77,401	78,874	1,487	237	606,017	225,842	349,839	337,198
1891-92.....	2,040,466	1,710,614	101,549	96,792	108,292	107,942	559,494	331,433	302,095	282,850
1892.....	1,903,846	1,529,181	109,663	95,607	61,158	60,613	558,387	330,157	267,101	260,428
1893.....	1,479,596	1,435,363	118,218	112,405	40,197	38,596	620,018	294,674	221,628	207,406
1894.....	1,475,345	1,089,665	143,136	123,939	993	824	573,067	250,881	347,517	334,137
1895.....	1,892,545	1,504,558	126,563	111,360	2,910	1,546	843,712	373,243	272,365	258,962

## MOVEMENT OF GREEN AND DRIED FRUIT.

Receipts and shipments of Green Apples, Oranges, Lemons and Dried Fruit, at Cincinnati, for commercial and calendar years indicated:

YEARS.	GREEN APPLES.		ORANGES.		LEMONS.		DRIED FRUIT.	
	Receipts, bbls.	Shipm'ts, bbls.	Receipts, boxes.	Shipm'ts, boxes.	Receipts, boxes.	Shipm'ts, boxes.	Receipts, pounds.	Shipm'ts, pounds.
1870-71.....	176,396	48,968	19,561	.....	13,155	.....	2,386,944	1,095,024
1871-72.....	116,722	50,221	21,355	.....	16,381	.....	2,993,480	1,891,848
1872-73.....	128,518	133,048	21,790	.....	13,192	.....	4,315,584	1,988,852
1873-74.....	214,958	79,226	24,872	.....	14,015	.....	1,384,992	1,322,304
1874-75.....	150,051	48,063	28,451	.....	12,206	.....	4,337,480	1,849,292
1875-76.....	191,593	69,853	35,496	.....	25,328	.....	2,865,212	1,591,436
1876-77.....	148,689	133,855	35,485	.....	22,130	.....	4,102,028	2,346,820
1877-78.....	116,832	76,235	48,830	.....	16,655	.....	5,609,576	4,199,160
1878-79.....	239,275	151,618	40,486	.....	23,307	.....	4,246,620	2,477,272
1879-80.....	147,699	72,345	39,837	.....	19,375	.....	3,008,986	2,336,152
1880-81.....	216,880	113,314	46,130	.....	23,731	.....	4,791,666	2,949,380
1881-82.....	229,539	119,582	56,344	17,571	25,991	4,973	4,613,840	3,186,036
1882-83.....	305,041	181,091	91,881	35,621	40,979	11,021	3,677,756	4,573,336
1883-84.....	234,033	115,229	141,129	81,965	61,806	18,516	6,701,324	5,335,904
1884-85.....	278,827	114,008	180,046	109,964	45,487	14,765	8,471,120	6,106,240
1885-86.....	261,141	152,414	119,081	62,214	35,148	10,373	5,868,044	3,366,944
1886-87.....	242,058	120,262	198,318	127,415	61,197	18,993	2,764,139	3,828,625
1887-88.....	362,847	198,438	131,216	67,761	53,003	13,946	4,791,030	3,372,407
1888-89.....	275,157	213,170	241,697	153,192	54,549	19,591	3,828,111	2,059,135
1889-90.....	210,659	190,775	244,770	151,779	71,074	25,596	4,298,630	4,040,774
1890-91.....	153,211	92,897	315,033	212,235	52,562	23,612	2,437,197	1,832,312
1891-92.....	234,469	166,741	504,092	391,617	71,939	37,417	5,805,284	4,683,604
1892.....	306,498	153,847	518,524	398,154	72,728	37,133	3,357,478	2,561,180
1893.....	223,263	130,545	526,430	392,852	71,438	34,589	3,340,982	2,522,453
1894.....	239,299	92,398	664,898	505,080	71,955	30,323	6,897,088	4,303,096
1895.....	244,585	155,231	157,632	92,451	56,339	26,002	9,266,633	6,747,802

## PRICES OF POTATOES AND BEANS.

Quotations for Potatoes, per barrel, and Beans, per bushel, from store, at Cincinnati, on Tuesday of each week, in three years:

DATES.	POTATOES.			DATES.	BEANS.		
	1895	1894	1893		1895	1894	1893
January 1.....	\$1 90@2 10	\$1 90@2 05	\$2 40@2 50	January 1.....	\$1 60@1 70	\$1 60@1 70	\$1 95@2 00
8.....	2 00@2 25	1 90@2 05	2 40@2 50	8.....	1 60@1 70	1 60@1 70	1 90@2 00
15.....	2 00@2 25	1 90@2 05	2 40@2 50	15.....	1 60@1 70	1 65@1 75	1 90@2 00
22.....	1 75@2 00	1 80@1 95	2 60@2 75	22.....	1 65@1 75	1 65@1 75	1 90@2 00
29.....	2 00@2 25	1 80@1 95	2 60@2 75	29.....	1 65@1 75	1 70@1 80	2 05@2 10
February 5.....	2 00@2 25	1 80@1 95	2 60@2 75	February 5.....	1 90@2 00	1 70@1 80	2 10@2 15
12.....	2 25@2 50	1 80@1 95	2 40@2 60	12.....	1 90@2 00	1 70@1 80	2 10@2 15
19.....	2 25@2 50	1 80@1 95	2 40@2 60	19.....	1 80@1 90	1 70@1 80	2 10@2 15
26.....	2 00@2 25	1 65@1 80	2 60@2 75	26.....	1 85@1 95	1 70@1 80	2 10@2 15
March 5.....	1 80@1 95	2 60@2 75	2 60@2 75	March 5.....	1 90@2 00	1 65@1 75	2 10@2 15
12.....	1 80@2 00	2 45@2 55	2 60@2 75	12.....	1 90@2 00	1 65@1 75	2 10@2 15
19.....	2 25@3 00	2 60@2 75	2 60@2 75	19.....	1 90@2 00	1 65@1 75	2 10@2 15
26.....	2 25@2 75	2 60@2 75	2 60@2 75	26.....	2 00@2 10	1 65@1 75	2 10@2 15
April 2.....	2 25@2 75	2 60@2 75	2 60@2 75	April 2.....	2 15@2 25	1 65@1 75	2 10@2 15
9.....	2 00@2 25	2 60@2 75	2 60@2 75	9.....	2 15@2 25	1 65@1 75	2 10@2 15
16.....	2 25@2 75	2 60@2 75	2 60@2 75	16.....	2 15@2 25	1 65@1 75	2 10@2 15
23.....	2 25@2 75	2 25@2 50	2 25@2 50	23.....	2 10@2 15	1 70@1 80	2 10@2 15
30.....	2 50@2 75	1 75@2 00	1 75@2 00	30.....	1 90@2 00	1 70@1 80	2 10@2 15
May 7.....	2 50@2 65	2 25@2 50	2 25@2 50	May 7.....	1 90@2 00	1 85@1 90	2 00@2 10
14.....	3 25@4 00	2 35@2 50	2 60@2 75	14.....	1 90@2 00	1 85@1 90	2 00@2 10
21.....	3 00@3 75	2 35@2 50	2 60@2 75	21.....	1 90@2 00	1 85@1 90	2 00@2 10
28.....	3 00@3 75	2 35@2 50	2 60@2 75	28.....	1 90@2 00	1 85@1 95	2 00@2 10
June 4.....	1 75@2 75	2 50	2 50@2 75	June 4.....	2 00@2 10	1 85@1 95	2 00@2 10
11.....	1 75@2 75	3 00@3 50	2 75@3 00	11.....	2 10@2 20	1 90@1 95	2 00@2 10
18.....	1 75@2 50	1 75@2 50	2 50@2 75	18.....	2 10@2 20	1 90@1 95	2 00@2 10
25.....	2 00@2 25	1 75@2 50	2 00@2 25	25.....	2 10@2 20	1 90@2 00	2 00@2 10
July 2.....	2 00@2 25	1 50@1 75	2 00@2 25	July 2.....	2 10@2 20	1 90@2 00	2 05@2 10
9.....	2 00@2 25	1 25@1 75	1 75@2 00	9.....	2 10@2 20	1 90@2 00	2 05@2 10
16.....	1 50@2 25	1 65@1 85	1 65@1 90	16.....	2 15@2 25	1 90@2 00	2 05@2 10
23.....	1 25@1 75	1 50@1 75	1 60@1 75	23.....	2 15@2 25	1 90@2 00	2 05@2 10
30.....	1 00@1 50	1 50@1 75	1 75@1 90	30.....	2 15@2 25	1 90@2 00	2 05@2 10
August 6.....	1 00@1 25	1 65@1 90	1 60@1 75	August 6.....	2 15@2 25	1 90@2 00	2 05@2 10
13.....	1 25@1 50	1 75@2 00	2 00@2 15	13.....	2 15@2 25	2 00	2 05@2 10
20.....	1 10@1 50	1 50@1 85	1 90@2 00	20.....	2 15@2 25	2 00	2 05@2 10
27.....	1 25@1 50	1 75@2 00	1 85@2 00	27.....	2 15@2 25	2 00	2 05@2 10
September 3.....	1 25	1 65@1 75	2 25@2 50	September 3.....	1 95@2 10	1 85@2 00	2 05@2 10
10.....	1 25	2 00@2 25	2 50@2 75	10.....	1 95@2 10	1 85@2 00	1 90@2 05
17.....	1 25	2 00@2 25	2 40@2 50	17.....	1 95@2 10	1 85@1 90	1 90@2 05
24.....	1 25	2 00@2 25	2 40@2 50	24.....	1 40@1 50	1 80@1 85	1 90@2 00
October 1.....	1 25@1 40	2 00@2 25	2 25@2 50	October 1.....	1 40@1 50	1 80@1 85	1 90@2 00
8.....	1 25@1 35	1 75@2 00	2 25@2 50	8.....	1 40@1 50	1 75@1 85	1 90@2 00
15.....	1 25	2 00@2 25	2 25@2 40	15.....	1 40@1 50	1 65@1 75	1 75@1 90
22.....	1 25	2 00@2 25	2 25	22.....	1 40@1 50	1 85@1 75	1 75@1 90
29.....	1 25	2 00@2 25	2 00@2 25	29.....	1 40@1 50	1 60@1 70	1 75@1 90
November 5.....	1 10@1 25	2 00@2 25	2 00@2 25	November 5.....	1 40@1 50	1 55@1 65	1 75@1 90
12.....	1 10@1 25	2 00@2 25	1 65@1 80	12.....	1 40@1 50	1 60@1 70	1 75@1 90
19.....	1 10@1 25	2 00@2 25	1 70@1 85	19.....	1 35@1 45	1 60@1 70	1 60@1 70
26.....	1 25@1 50	1 80@2 00	1 75@1 85	26.....	1 35@1 45	1 60@1 70	1 60@1 70
December 3.....	1 25@1 30	1 90@2 10	1 75@1 85	December 3.....	1 30@1 40	1 60@1 70	1 60@1 70
10.....	1 25@1 30	1 90@2 10	1 75@1 85	10.....	1 30@1 40	1 60@1 70	1 60@1 70
17.....	1 25@1 30	1 90@2 10	1 60@1 70	17.....	1 30@1 40	1 60@1 70	1 60@1 70
24.....	1 25@1 30	1 90@2 10	1 60@1 70	24.....	1 30@1 40	1 60@1 70	1 60@1 70
31.....	1 25@1 30	1 90@2 10	1 90@2 05	31.....	1 30@1 40	1 60@1 70	1 60@1 70

## PRICES OF HOPS.

Prices of choice Hops ranged during the year 1895, by months, as follows:

January.....	10 @11	April.....	9@11	July.....	8 @9	October.....	9@10
February.....	10 @11	May.....	9@10	August.....	6½ @8½	November.....	9@10
March.....	9½ @11	June.....	8@ 9½	September.....	6 @9	December.....	8@ 9

## PRICES OF APPLES, ORANGES AND LEMONS.

Quotations for Green Apples (choice), per barrel; Oranges (choice), per box; Lemons (choice), per box, at Cincinnati, on Tuesday of each week:

DATES.	GREEN APPLES.			ORANGES.		LEMONS.	
	1895	1894	1893	1895	1894	1895	1894
January 1.....	\$1 75@2 25	\$3 50@4 00	\$2 25@3 00	\$2 25@3 50	\$1 85@2 25	\$2 25@ 3 50	\$5 00@5 50
8.....	1 75@2 25	3 50@4 00	2 25@3 00	2 25@3 50	1 85@2 25	2 25@ 3 50	5 00@5 50
15.....	2 25@3 50	4 25@4 50	2 25@3 00	2 25@3 50	1 60@2 25	2 25@ 3 50	4 50@5 50
22.....	2 00@3 00	4 25@4 50	2 75@3 25	2 50@3 50	1 60@2 25	2 25@ 3 50	4 50@5 50
29.....	2 00@3 00	4 50@5 00	2 75@3 25	2 50@3 50	1 25@2 00	2 25@ 3 50	4 50@5 50
February 5.....	2 25@3 00	4 50@5 50	2 75@3 25	2 50@3 25	1 25@2 00	2 25@ 3 50	3 00@4 50
12.....	2 25@3 00	4 50@5 00	3 00@3 50	2 50@3 25	1 50@2 25	2 25@ 3 50	3 00@4 50
19.....	2 25@3 00	4 50@5 00	3 00@3 50	2 75@3 50	1 40@2 25	2 25@ 3 50	2 75@4 00
26.....	2 50@3 00	5 00@6 00	3 00@3 50	2 75@3 50	1 50@2 25	2 25@ 3 50	2 50@3 50
March 5.....	2 35@3 50	5 50@6 50	2 75@3 00	2 75@3 50	1 50@2 25	2 25@ 3 50	2 00@3 00
12.....	2 25@2 75	4 50@6 00	2 00@3 00	2 75@4 00	1 65@2 50	2 25@ 3 50	2 00@3 00
19.....	2 25@2 75	4 50@6 75	2 00@2 75	2 75@3 25	1 75@2 50	2 25@ 3 50	1 75@3 00
26.....	2 25@2 75	3 50@4 50	2 50@2 75	2 50@3 50	2 00@3 00	2 25@ 3 50	1 75@3 00
April 2.....	2 25@2 75	3 50@4 00	2 50@2 75	2 25@3 75	2 25@3 50	2 25@ 3 50	1 75@3 00
9.....	2 25@2 75	3 50@4 00	2 25@2 50	2 00@3 75	2 25@3 75	2 25@ 3 50	2 00@3 25
16.....	2 25@2 75	3 50@4 00	2 50@3 00	2 00@3 75	2 50@4 75	2 75@ 3 50	2 00@3 25
23.....	2 25@3 50	3 50@4 00	2 75@3 00	2 00@3 75	2 00@4 00	3 00@ 4 00	1 75@3 00
30.....	2 00@3 00	.....	2 75@3 00	2 25@4 00	1 75@4 50	3 00@ 4 00	1 75@3 50
May 7.....	2 00@3 00	.....	2 75@3 00	2 25@4 00	2 00@4 50	3 00@ 4 00	2 00@4 00
14.....	2 00@3 00	.....	3 25@3 50	2 25@4 00	2 25@5 00	3 50@ 4 75	2 00@3 50
21.....	.....	.....	3 25@3 50	2 25@4 00	2 25@5 00	3 50@ 4 75	2 00@3 50
28.....	.....	.....	3 75@4 00	2 50@4 00	2 25@5 00	3 50@ 4 75	2 00@3 50
June 4.....	.....	.....	3 75@4 00	2 50@4 00	2 25@5 00	4 00@ 6 00	2 00@3 50
11.....	.....	.....	3 75@4 00	2 25@3 75	2 50@4 50	4 00@ 6 00	2 25@4 00
18.....	*2 50@3 00	*4 00@4 50	*2 50@3 50	2 25@3 75	2 50@4 50	4 00@ 6 00	3 50@4 50
25.....	2 00@2 50	3 50@4 00	2 00@3 00	2 25@4 00	2 50@3 50	5 00@ 6 00	3 75@4 50
July 2.....	2 25@2 50	3 00@5 00	2 00@3 00	2 25@2 75	3 00@4 50	3 50@ 5 00	4 00@5 00
9.....	2 00@2 50	3 00@4 00	2 00@3 00	2 25@2 75	3 00@4 00	3 50@ 5 00	4 25@5 00
16.....	1 50	3 00@4 00	2 50@3 00	2 25@2 75	3 00@4 00	3 50@ 5 00	4 50@5 50
23.....	.....	4 00@5 00	2 25@2 75	2 50@3 75	4 00@5 00	4 00@ 5 25	4 50@5 50
30.....	.....	2 50@3 50	2 00@2 50	2 50@4 00	4 00@5 00	3 50@ 5 00	3 00@5 00
August 6.....	.....	1 25@2 50	2 50@3 00	2 50@3 00	4 00@5 00	3 50@ 5 00	3 00@5 00
13.....	.....	2 25@3 00	2 50@3 00	2 50@3 00	4 00@5 00	3 50@ 5 00	3 00@5 00
20.....	50@ 75	2 50@3 00	2 00@2 50	2 25@3 00	4 00@5 00	4 50@ 6 50	2 50@5 00
27.....	50@ 75	2 50@4 2 75	1 25@2 00	2 25@3 00	4 00@5 00	4 50@ 6 50	2 50@5 00
September 3.....	75@1 00	1 75@2 00	1 25@2 00	2 25@3 00	4 00@4 50	8 00@10 00	2 00@4 00
10.....	1 00@1 50	1 75@2 50	1 50@2 50	2 25@3 00	4 00@4 50	6 50@ 8 00	2 00@4 50
17.....	85@1 00	2 50@2 75	2 75@3 50	2 25@3 00	4 00@4 50	6 50@ 8 00	2 00@4 50
24.....	85@1 00	3 00@3 25	2 75@3 00	2 75@3 00	4 00@4 50	8 50@ 9 50	2 00@4 50
October 1.....	85@1 00	2 50@3 00	2 25@2 50	2 75@3 00	3 00@4 00	8 50@ 9 50	1 50@3 00
8.....	1 00@1 25	1 75@2 50	2 00@2 50	2 75@3 00	2 50	5 50@ 7 00	1 50@3 50
15.....	1 25	2 00@2 50	1 75@2 25	2 75@3 00	2 00@2 25	5 50@ 7 00	1 50@3 50
22.....	1 25	1 50@2 25	2 75@3 25	3 00	2 50@2 75	4 00@ 6 00	2 50@3 00
29.....	1 25	1 50@2 25	3 25@3 75	3 00	2 00@2 75	4 00@ 6 00	2 50@3 00
November 5.....	1 75	1 50@2 00	3 25@3 75	3 00@4 00	2 00@2 75	3 00@ 5 00	2 50@3 50
12.....	1 75	1 50@2 00	2 50@3 00	3 00@4 00	1 50@2 50	3 00@ 5 00	2 50@3 50
19.....	1 75	1 50@2 25	3 00@3 50	3 00@4 00	1 50@3 00	2 75@ 4 50	2 50@3 50
26.....	1 75@2 25	2 25@2 50	3 00@3 75	4 25@4 50	1 65@2 75	2 75@ 4 50	2 50@4 00
December 3.....	1 75@2 25	2 25@2 75	3 25@4 00	4 25@4 50	1 65@2 50	2 75@ 4 50	2 50@4 00
10.....	1 75@2 25	2 25@2 75	3 50@4 25	4 50@5 00	1 50@3 50	2 50@ 3 50	2 50@4 00
17.....	2 00@2 50	2 00@2 50	4 25@5 00	4 50@5 00	1 75@3 00	2 50@ 3 50	2 50@4 00
24.....	2 00@2 50	1 75@2 25	4 50@5 00	4 50@5 00	2 00@3 00	2 50@ 3 50	2 25@3 50
31.....	2 00@2 50	1 75@2 25	3 50@4 00	3 75@4 25	2 25@3 50	2 25@ 3 50	2 25@3 50

\* New.

## PRICES OF ONIONS.

Monthly range in prices of Onions, per barrel, at Cincinnati, for the year 1895:

January.....	\$1 35@1 75	April.....	\$1 50@2 50	July.....	\$1 50@2 00	October.....	\$0 75@1 50
February.....	1 50@2 75	May.....	1 25@2 00	August.....	1 25@1 50	November.....	75@1 25
March.....	2 25@2 75	June.....	1 00@1 50	September....	1 25@1 50	December.....	1 25@1 50

## PRICES OF DRIED FRUIT AND FEATHERS.

Quotations for Dried Apples, Dried Peaches (California) and Dried Apricots, per pound, and Feathers, per pound, on Tuesday of each week, in two years:

DATES.	DRIED APPLES.		DRIED PEACHES.		DRIED APRICOTS.		FEATHERS.	
	1895	1894	1895	1894	1895	1894	1895	1894
January 1.....	5 1/2 @ 6	4 1/2 @ 5 1/2	7 @ 8	4 @ 4 1/2	8 @ 9	14 @ 15	34	35
8.....	5 1/2 @ 6	4 1/2 @ 5 1/2	7 @ 8	4 @ 4 1/2	7 @ 8	14 @ 15	34	35
15.....	5 1/2 @ 6	4 1/2 @ 5 1/2	7 @ 8	4 @ 4 1/2	7 @ 8	14 @ 15	34	35
22.....	5 1/2 @ 6	4 1/2 @ 5 1/2	7 @ 8	4 @ 4 1/2	7 @ 8	14 @ 15	34 @ 35	35
29.....	5 1/2 @ 6	4 1/2 @ 5 1/2	8 @ 9	4 @ 4 1/2	7 @ 8	14 @ 15	34 @ 35	36
February 5.....	5 1/2 @ 6	5 @ 5 1/2	8 @ 9	4 @ 4 1/2	7 @ 8	14 @ 15	35	36
12.....	5 1/2 @ 6	5 @ 5 1/2	8 @ 9	4 @ 4 1/2	7 @ 8	14 @ 15	35	36
19.....	5 1/2 @ 6	5 @ 5 1/2	8 @ 9	4 @ 4 1/2	7 @ 8	14 @ 15	35	36
26.....	5 1/2 @ 6	5 @ 5 1/2	8 @ 9	4 @ 4 1/2	7 @ 8	14 @ 15	35	35
March 5.....	5 1/2 @ 6	5 @ 5 1/2	8 @ 9	4 @ 4 1/2	7 @ 8	14 @ 15	35	35
12.....	5 1/2 @ 6	5 @ 5 1/2	8 @ 9	4 @ 4 1/2	7 @ 8	13 @ 14	35	35
19.....	5 1/2 @ 6	5 @ 5 1/2	8 @ 9	4 @ 4 1/2	7 @ 8	13 @ 14	35	35
26.....	5 1/2 @ 6	5 @ 5 1/2	8 @ 9	4 @ 4 1/2	7 @ 8	13 @ 14	35	35
April 2.....	5 1/2 @ 6	5 @ 5 1/2	8 @ 9	4 @ 4 1/2	7 @ 8	13 @ 14	35	35
9.....	5 1/2 @ 6	5 @ 5 1/2	8 @ 9	4 @ 4 1/2	7 @ 8	13 @ 14	35	35
16.....	5 1/2 @ 6	5 @ 5 1/2	8 @ 9	4 @ 4 1/2	7 @ 8	13 @ 14	35	35
23.....	5 1/2 @ 6	5 @ 5 1/2	8 @ 9	4 @ 4 1/2	6 1/2 @ 7 1/2	13 @ 14	35	35
30.....	5 1/2 @ 6	5 @ 5 1/2	8 @ 9	4 @ 4 1/2	6 1/2 @ 7 1/2	12 @ 14	36	35
May 7.....	5 1/2 @ 6	5 @ 5 1/2	7 @ 8	4 @ 4 1/2	6 @ 7	12 @ 14	36	35
14.....	5 1/2 @ 6	5 @ 5 1/2	7 @ 8	4 @ 4 1/2	6 @ 7	12 @ 14	36	35
21.....	5 1/2 @ 6	5 @ 5 1/2	7 @ 8	4 @ 4 1/2	6 @ 7	13 @ 14	36	35
28.....	5 1/2 @ 6	5 @ 5 1/2	7 @ 8	4 @ 4 1/2	6 @ 7	13 @ 14	36	35
June 4.....	5 1/2 @ 6	5 @ 5 1/2	7 @ 8	4 @ 4 1/2	6 @ 7	13 @ 14	36	35
11.....	.....	5 @ 5 1/2	.....	4 @ 4 1/2	.....	13 @ 14	36	35
18.....	.....	5 @ 5 1/2	.....	4 @ 4 1/2	.....	13 @ 14	36	35
25.....	.....	5 @ 5 1/2	.....	4 @ 4 1/2	.....	13 @ 14	36	35
July 2.....	.....	.....	.....	.....	.....	.....	36	35
9.....	.....	.....	.....	.....	.....	.....	36	35
16.....	.....	.....	.....	.....	.....	.....	36	35
23.....	.....	.....	.....	.....	.....	.....	36	35
30.....	.....	.....	.....	.....	.....	.....	36	35
August 6.....	.....	.....	.....	.....	.....	.....	37	35
13.....	.....	.....	.....	.....	.....	.....	37	35
20.....	.....	.....	.....	.....	.....	.....	37	35
27.....	.....	.....	.....	.....	.....	8 @ 9	37	35
September 3.....	2 1/2 @ 3	6 @ 6 1/2	6 @ 7	9 @ 9 1/2	9	8 @ 9	37	35
10.....	2 1/2 @ 3	6 @ 6 1/2	6 @ 7	9 @ 9 1/2	9	8 @ 9	37	35
17.....	2 1/2 @ 3	6 @ 6 1/2	6 @ 7	9 @ 9 1/2	9	8 @ 9	37	35
24.....	2 1/2 @ 3	5 @ 5 1/2	6 @ 7	8 @ 8 1/2	9	8 @ 8 1/2	38	36
October 1.....	2 1/2 @ 3	5 @ 5 1/2	6 @ 7	8 @ 8 1/2	9	8 @ 8 1/2	38	36
8.....	2 1/2 @ 3	5 @ 5 1/2	6 @ 7	6 1/2 @ 7 1/2	9	7 1/2 @ 8 1/2	39	35
15.....	2 1/2 @ 3	4 1/2 @ 5	6 @ 7	6 1/2 @ 7 1/2	9	7 1/2 @ 8 1/2	39	35
22.....	2 1/2 @ 3	4 1/2 @ 5	6 @ 7	6 1/2 @ 7 1/2	9	7 1/2 @ 8 1/2	39	35
29.....	2 1/2 @ 3	5 @ 5 1/2	6 @ 7	7 @ 8	9	8 @ 9	39	35
November 5.....	2 1/2 @ 3	5 @ 5 1/2	6 @ 7	7 @ 8	9 @ 10	8 @ 9	40	35
12.....	2 1/2 @ 3	5 @ 5 1/2	6 @ 7	7 @ 8	9 @ 10	8 @ 9	40	35
19.....	2 1/2 @ 3	5 @ 5 1/2	6 @ 7	7 @ 8	9 @ 10	8 @ 9	40	35
26.....	2 1/2 @ 3	5 @ 5 1/2	6 @ 7	7 @ 8	10 @ 11	8 @ 9	40	35
December 3.....	2 1/2 @ 3	5 @ 5 1/2	6 @ 7	7 @ 8	10 @ 11	8 @ 9	40	35
10.....	2 1/2 @ 3	5 @ 5 1/2	6 @ 7	7 @ 8	10 @ 11	8 @ 9	40	35
17.....	2 1/2 @ 3	5 @ 5 1/2	6 @ 7	7 @ 8	10 @ 11	8 @ 9	40	35
24.....	2 1/2 @ 3	5 @ 5 1/2	6 @ 7	7 @ 8	10 @ 11	8 @ 9	40	34
31.....	2 1/2 @ 3	5 @ 5 1/2	5 1/2 @ 7	7 @ 8	10 @ 11	8 @ 9	40	34

\* New.

## HAY CROPS OF THE UNITED STATES.

Estimated yearly production of Hay in the United States, representing tons:

1876.....	30,867,000	1881.....	35,135,000	1886.....	41,796,000	1891.....	53,000,000
1877.....	31,629,000	1882.....	38,138,000	1887.....	41,454,000	1892.....	57,000,000
1878.....	39,606,000	1883.....	46,864,000	1888.....	46,643,000	1893.....	65,766,000
1879.....	35,493,000	1884.....	48,470,000	1889.....	48,000,000	1894.....	48,321,000
1880.....	31,925,000	1885.....	44,731,000	1890.....	50,000,000	1895.....	47,078,000

## PRICES OF COOPERAGE.

Quotations for Pork Barrels, Whisky Barrels and Lard Tierces, at Cincinnati, on Tuesday of each week, in three years, generally representing the range for country and city Cooperage:

DATES.	PORK BARRELS.			WHISKY BARRELS.			LARD TIERCES.		
	1895	1894	1893	1895	1894	1893	1895	1894	1893
January 1.....	65@90	75@1 00	60@ 90	\$1 55@1 65	\$1 45@1 60	\$1 45@1 60	85@1 15	90@1 15	85@1 15
8.....	65@90	75@1 00	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	90@1 15	85@1 15
15.....	65@90	75@1 00	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	90@1 15	85@1 15
22.....	65@90	75@1 00	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	90@1 15	85@1 15
29.....	65@90	75@1 00	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	90@1 15	85@1 15
February 5.....	65@90	75@1 00	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	90@1 15	85@1 15
12.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
19.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
26.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
March 5.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
12.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
19.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
26.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
April 2.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
9.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
16.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
23.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
30.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
May 7.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
14.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
21.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
28.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
June 4.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
11.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
18.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
25.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
July 2.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
9.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
16.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
23.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
30.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
August 6.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
13.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
20.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
27.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
September 3.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
10.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
17.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
24.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
October 1.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
8.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
15.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
22.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
29.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
November 5.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
12.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
19.....	65@90	65@ 90	60@ 90	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	85@1 15
26.....	65@90	65@ 90	75@1 00	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	90@1 15
December 3.....	65@90	65@ 90	75@1 00	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	90@1 15
10.....	65@90	65@ 90	75@1 00	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	90@1 15
17.....	65@90	65@ 90	75@1 00	1 55@1 65	1 45@1 60	1 45@1 60	85@1 15	85@1 15	90@1 15
24.....	75@95	65@ 90	75@1 00	1 55@1 65	1 45@1 60	1 45@1 60	95@1 20	85@1 15	90@1 15
31.....	75@95	65@ 90	75@1 00	1 55@1 65	1 45@1 60	1 45@1 60	95@1 20	85@1 15	90@1 15

## POTATO CROPS OF THE UNITED STATES.

Estimated yearly production of Potatoes in the United States, in bushels:

1876.....	124,827,000	1881.....	109,145,000	1886.....	168,051,000	1891.....	240,000,000
1877.....	170,092,000	1882.....	170,972,000	1887.....	134,103,000	1892.....	160,000,000
1878.....	124,127,000	1883.....	208,161,000	1888.....	202,365,000	1893.....	183,034,000
1879.....	181,626,000	1884.....	190,642,000	1889.....	190,000,000	1894.....	170,787,000
1880.....	167,660,000	1885.....	175,029,000	1890.....	140,000,000	1895.....	297,237,000



## COTTON CROPS OF THE UNITED STATES.

Estimated yearly production of Cotton in the United States, as indicated:

YEARS.	Bales.	YEARS.	Bales.	YEARS.	Bales.
1835-36.....	1,360,725	1854-55.....	2,932,339	1876-77.....	4,485,423
1836-37.....	1,425,575	1855-56.....	3,645,345	1877-78.....	4,811,265
1837-38.....	1,804,797	1856-57.....	3,056,519	1878-79.....	5,073,531
1838-39.....	1,363,403	1857-58.....	3,238,902	1879-80.....	5,757,397
1839-40.....	2,181,749	1858-59.....	3,994,481	1880-81.....	6,589,329
1840-41.....	1,639,353	1859-60.....	4,823,770	1881-82.....	5,435,845
1841-42.....	1,688,675	1860-61.....	3,826,086	1882-83.....	6,992,234
1842-43.....	2,394,203	1861 to 1865.....	No record.	1883-84.....	5,714,062
1843-44.....	2,108,579	1865-66.....	2,228,987	1884-85.....	5,669,021
1844-45.....	2,484,662	1866-67.....	2,059,271	1885-86.....	6,560,215
1845-46.....	2,170,537	1867-68.....	2,408,895	1886-87.....	6,513,623
1846-47.....	1,860,479	1868-69.....	2,439,039	1887-88.....	7,017,707
1847-48.....	2,424,113	1869-70.....	3,154,946	1888-89.....	6,985,082
1848-49.....	2,808,596	1870-71.....	4,352,317	1889-90.....	7,313,726
1849-50.....	2,171,706	1871-72.....	2,974,351	1890-91.....	8,655,518
1850-51.....	2,415,257	1872-73.....	3,930,508	1891-92.....	9,038,707
1851-52.....	3,090,029	1873-74.....	4,170,388	1892-93.....	6,717,142
1852-53.....	3,352,882	1874-75.....	3,832,991	1893-94.....	7,527,211
1853-54.....	3,035,027	1875-76.....	4,669,288	1894-95.....	9,892,766

NOTE.—The above represents the estimates of the *Financial Chronicle*.

## ANNUAL PRICES OF COTTON.

Average annual quotations for the various grades of Cotton, at Cincinnati:

YEARS.	ORDINARY.	GOOD ORDINARY.	LOW MIDDLING.	MIDDLING.	GOOD MIDDLING.	MIDDLING FAIR.	FAIR.
1881-82.....	8.96	10.46	11.18	11.72	12.09	12.84	13.58
1882-83.....	7.78	9.09	9.78	10.13	10.50	11.30	12.05
1883-84.....	8.56	9.63	10.32	10.66	10.99	11.46	12.10
1884-85.....	8.45	9.55	10.14	10.42	10.69	11.08	11.60
1885-86.....	7.18	8.27	8.83	9.17	9.78	10.67	11.26
1886-87.....	7.69	8.71	9.45	9.72	10.00	10.78	11.51
1887-88.....	7.81	8.81	9.56	9.83	10.13	10.76	11.51
1888-89.....	8.12	9.12	9.87	10.24	10.63	11.24	11.99
1889-90.....	8.80	10.24	10.76	11.04	11.31	11.83	12.58
1890-91.....	6.80	8.30	8.79	9.25	9.84	10.38	11.13
1891-92.....	5.22	6.82	7.20	7.60	7.89	.....	.....
1892.....	5.52	6.96	7.35	7.73	7.98	.....	.....
1893.....	6.58	7.57	8.04	8.38	8.63	9.13	.....
1894.....	5.31	6.31	6.68	6.93	7.19	7.68	.....
1895.....	5.42	6.42	6.80	7.04	7.42	7.93	.....

## PRICES OF COTTON WARPS, ETC.

Prices of Warps, Wicking, Twine, Rope, Batting and Wadding, at Cincinnati, at the close of December, for years indicated:

STOCK.	1895	1894	1893	STOCK.	1895	1894	1893
Carpet Warps, 5-ply, white, per lb.....	15½@16	13	15	Rope, 3-16 to 6-16 inch, fine thread, per lb....	15	13½	15
Carpet Warps, 5-ply, colored, per lb.....	17½@18	15½	18	Batting, per lb.....	6½@12	5½@ 9½	8¾
Candle Wicking, per lb	16	15	16½	Wadding, black, 2 lbs., per doz.....	20 @30	20 @30	30 @33½
Twine, two-thread, Diamond C, per lb.....	15	13½	15	Wadding, black, 1 lb., per doz.....	15 @17	15 @17	17 @19

NOTE.—Above prices based on sixty days' time; 2 per cent. off if paid in ten days.

## WEEKLY PRICES OF COTTON.

Quotations for the various grades of Cotton, per pound, at Cincinnati, on Tuesday of each week, in two years:

DATES.	ORDINARY.		GOOD ORDINARY.		LOW MIDDLING.		MIDDLING.		GOOD MIDDLING.		MIDDLING FAIR.	
	1895	1894	1895	1894	1895	1894	1895	1894	1895	1894	1895	1894
January	1.. 38 1/2	52 1/2	43 1/2	62 1/2	51 1/2	71 1/2	59 1/2	73 1/2	55 1/2	75 1/2	61 1/2	81 1/2
	8.. 38 1/2	6 1/2	42 1/2	7 1/2	51 1/2	73 1/2	59 1/2	73 1/2	55 1/2	75 1/2	61 1/2	81 1/2
	15.. 38 1/2	6 1/2	42 1/2	7 1/2	51 1/2	73 1/2	59 1/2	73 1/2	55 1/2	75 1/2	61 1/2	81 1/2
	22.. 38 1/2	6 1/2	42 1/2	7 1/2	51 1/2	73 1/2	59 1/2	73 1/2	55 1/2	75 1/2	61 1/2	81 1/2
	29.. 38 1/2	6 1/2	42 1/2	7 1/2	51 1/2	73 1/2	59 1/2	73 1/2	55 1/2	75 1/2	61 1/2	81 1/2
February	5.. 38 1/2	6 1/2	42 1/2	7 1/2	51 1/2	73 1/2	59 1/2	73 1/2	55 1/2	75 1/2	61 1/2	81 1/2
	12.. 38 1/2	6 1/2	42 1/2	7 1/2	51 1/2	73 1/2	59 1/2	73 1/2	55 1/2	75 1/2	61 1/2	81 1/2
	19.. 38 1/2	6 1/2	42 1/2	7 1/2	51 1/2	73 1/2	59 1/2	73 1/2	55 1/2	75 1/2	61 1/2	81 1/2
	26.. 38 1/2	57 1/2	42 1/2	67 1/2	51 1/2	71 1/2	59 1/2	71 1/2	55 1/2	73 1/2	61 1/2	81 1/2
March	5.. 38 1/2	57 1/2	42 1/2	67 1/2	51 1/2	71 1/2	59 1/2	71 1/2	55 1/2	73 1/2	61 1/2	81 1/2
	12.. 38 1/2	57 1/2	42 1/2	67 1/2	51 1/2	71 1/2	59 1/2	71 1/2	55 1/2	73 1/2	61 1/2	81 1/2
	19.. 40 1/2	57 1/2	42 1/2	67 1/2	51 1/2	71 1/2	59 1/2	71 1/2	55 1/2	73 1/2	61 1/2	81 1/2
	26.. 40 1/2	57 1/2	42 1/2	67 1/2	51 1/2	71 1/2	59 1/2	71 1/2	55 1/2	73 1/2	61 1/2	81 1/2
April	2.. 40 1/2	6 1/2	55 1/2	7 1/2	55 1/2	73 1/2	6 1/2	73 1/2	61 1/2	77 1/2	7 1/2	83 1/2
	9.. 40 1/2	6 1/2	55 1/2	7 1/2	55 1/2	73 1/2	6 1/2	73 1/2	61 1/2	77 1/2	7 1/2	83 1/2
	16.. 40 1/2	57 1/2	55 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	23.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	30.. 47 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
May	7.. 47 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	14.. 47 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	21.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	28.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
June	4.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	11.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	18.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	25.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
July	2.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	9.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	16.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	23.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	30.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
August	6.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	13.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	20.. 5 1/2	57 1/2	6 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	27.. 6 1/2	57 1/2	7 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
September	3.. 6 1/2	57 1/2	7 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	10.. 6 1/2	57 1/2	7 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	17.. 6 1/2	57 1/2	7 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
	24.. 6 1/2	57 1/2	7 1/2	67 1/2	6 1/2	71 1/2	61 1/2	71 1/2	63 1/2	73 1/2	7 1/2	83 1/2
October	1.. 7 1/2	43 1/2	8 1/2	53 1/2	53 1/2	63 1/2	8 1/2	63 1/2	8 1/2	63 1/2	9 1/2	63 1/2
	8.. 7 1/2	43 1/2	8 1/2	53 1/2	53 1/2	63 1/2	8 1/2	63 1/2	8 1/2	63 1/2	9 1/2	63 1/2
	15.. 7 1/2	43 1/2	8 1/2	53 1/2	53 1/2	63 1/2	8 1/2	63 1/2	8 1/2	63 1/2	9 1/2	63 1/2
	22.. 7 1/2	43 1/2	8 1/2	53 1/2	53 1/2	63 1/2	8 1/2	63 1/2	8 1/2	63 1/2	9 1/2	63 1/2
	29.. 7 1/2	43 1/2	8 1/2	53 1/2	53 1/2	63 1/2	8 1/2	63 1/2	8 1/2	63 1/2	9 1/2	63 1/2
November	5.. 7 1/2	37 1/2	8 1/2	47 1/2	8 1/2	53 1/2	8 1/2	53 1/2	9 1/2	53 1/2	9 1/2	63 1/2
	12.. 7 1/2	37 1/2	8 1/2	47 1/2	8 1/2	53 1/2	8 1/2	53 1/2	9 1/2	53 1/2	9 1/2	63 1/2
	19.. 7 1/2	37 1/2	8 1/2	47 1/2	8 1/2	53 1/2	8 1/2	53 1/2	9 1/2	53 1/2	9 1/2	63 1/2
	26.. 7 1/2	41 1/2	8 1/2	51 1/2	8 1/2	53 1/2	8 1/2	53 1/2	9 1/2	53 1/2	9 1/2	63 1/2
December	3.. 6 1/2	4 1/2	7 1/2	5 1/2	8 1/2	53 1/2	8 1/2	53 1/2	9 1/2	53 1/2	9 1/2	63 1/2
	10.. 6 1/2	37 1/2	7 1/2	47 1/2	8 1/2	53 1/2	8 1/2	53 1/2	9 1/2	53 1/2	9 1/2	63 1/2
	17.. 6 1/2	37 1/2	7 1/2	47 1/2	8 1/2	53 1/2	8 1/2	53 1/2	9 1/2	53 1/2	9 1/2	63 1/2
	24.. 6 1/2	37 1/2	7 1/2	47 1/2	8 1/2	53 1/2	8 1/2	53 1/2	9 1/2	53 1/2	9 1/2	63 1/2
	31.. 6 1/2	37 1/2	7 1/2	47 1/2	8 1/2	53 1/2	8 1/2	53 1/2	9 1/2	53 1/2	9 1/2	63 1/2

## FARM VALUE OF COTTON.

Estimated farm value of Cotton produced in the United States, as indicated :

1875-76.....	\$272,936,000	1880-81.....	\$280,266,000	1885-86.....	\$269,990,000	1890-91.....	\$350,000,000
1876-77.....	229,444,000	1881-82.....	259,016,000	1886-87.....	257,295,000	1891-92.....	313,000,000
1877-78.....	206,000,000	1882-83.....	309,696,000	1887-88.....	291,045,000	1892-93.....	268,000,000
1878-79.....	193,854,000	1883-84.....	250,595,000	1888-89.....	292,139,000	1893-94.....	263,857,000
1879-80.....	242,140,000	1884-85.....	253,993,000	1889-90.....	306,424,000	1894-95.....	265,000,000

## WEEKLY MOVEMENT OF COTTON.

Receipts and shipments of Cotton, representing bales, at Cincinnati, and estimated stock at the close of each week, with actual stock at close of each year:

DATES.	RECEIPTS.			SHIPMENTS.			*STOCK.		
	1894-95	1893-94	1892-93	1894-95	1893-94	1892-93	1894-95	1893-94	1892-93
September 8.....	479	213	671	245	162	548	5,069	6,521	7,166
15.....	1,096	539	580	997	500	623	5,168	6,260	6,822
22.....	1,307	448	617	1,120	348	545	5,355	6,060	6,595
29.....	2,443	984	320	1,927	463	437	5,871	6,281	6,178
October 6.....	3,149	406	1,577	3,041	685	1,248	5,979	5,702	6,207
13.....	6,970	1,764	2,378	5,778	1,520	2,102	7,171	5,646	6,183
20.....	7,784	3,359	4,492	6,726	2,449	3,745	8,029	6,256	6,630
27.....	12,110	4,328	2,950	11,642	3,327	3,012	8,297	6,957	6,268
November 3.....	14,390	5,263	8,224	12,431	5,446	6,164	10,056	6,474	8,028
10.....	14,280	7,524	9,440	16,160	5,103	9,040	7,976	8,598	8,128
17.....	24,369	8,381	14,639	18,263	10,559	11,912	13,882	6,120	10,555
24.....	18,088	12,949	9,109	19,864	11,689	10,320	11,906	7,080	9,044
December 1.....	27,696	18,611	9,386	27,574	14,445	8,103	11,828	5,946	10,027
8.....	27,088	17,842	11,571	26,722	16,610	10,758	11,994	6,678	10,540
15.....	20,007	11,797	11,976	19,300	13,494	10,525	12,501	4,881	11,691
22.....	17,300	10,958	11,946	16,510	10,970	13,101	13,091	4,569	10,285
29.....	18,981	8,718	5,446	17,948	7,363	8,487	13,929	5,624	7,194
January 5.....	13,440	10,810	6,306	15,405	10,774	6,162	13,869	5,360	6,738
12.....	11,335	4,487	5,195	11,839	4,766	5,375	11,060	4,781	6,258
19.....	8,633	5,003	2,829	4,813	4,364	3,641	14,480	5,120	5,146
26.....	9,549	5,919	2,115	10,474	4,987	1,916	13,155	5,752	5,045
February 2.....	9,023	4,470	3,082	8,012	5,474	1,778	13,766	4,448	6,049
9.....	7,199	4,644	3,675	7,493	4,173	3,090	13,072	4,619	6,334
16.....	5,831	7,350	3,265	5,205	6,899	2,426	13,298	4,770	6,873
23.....	4,286	4,094	3,057	6,108	4,267	1,376	11,026	4,297	8,254
March 2.....	5,685	3,217	1,923	4,654	3,810	2,479	11,757	3,404	7,398
9.....	13,262	1,710	4,711	8,361	2,677	3,642	16,308	3,137	8,167
16.....	6,895	3,470	3,226	9,602	3,295	3,500	13,251	3,012	7,593
23.....	8,608	4,851	2,050	6,438	4,435	2,610	15,071	3,028	6,733
30.....	8,228	4,100	2,261	8,498	3,777	2,214	14,451	3,051	6,480
April 6.....	7,287	4,672	1,927	7,480	4,731	2,552	13,908	2,692	5,555
13.....	6,425	5,857	2,245	8,987	5,219	1,863	11,046	3,030	5,637
20.....	7,998	5,511	2,099	7,661	4,982	1,420	11,033	3,259	6,016
27.....	7,331	4,678	2,907	6,319	5,036	2,090	11,695	2,601	6,533
May 4.....	4,190	4,971	3,670	5,681	5,885	3,405	9,854	1,687	6,498
11.....	4,329	5,097	3,364	4,316	4,921	3,257	9,517	1,863	6,305
18.....	3,991	6,242	6,802	2,633	6,458	4,937	10,525	1,647	7,870
25.....	2,908	5,435	5,608	1,575	5,701	4,409	11,508	1,381	8,749
June 1.....	1,605	3,110	3,471	1,687	3,405	2,783	11,076	1,086	9,137
8.....	709	3,196	4,744	746	2,696	2,166	10,689	1,586	11,414
15.....	897	4,601	3,518	1,011	3,001	3,898	10,125	2,341	10,734
22.....	1,215	2,375	4,047	1,031	2,911	3,488	9,859	1,805	10,993
29.....	700	4,155	3,687	745	2,602	3,567	9,364	3,358	10,812
July 6.....	579	2,814	2,856	602	2,637	3,614	8,891	3,535	9,755
13.....	157	939	3,364	524	612	2,988	8,074	3,862	9,881
20.....	142	1,379	2,946	190	1,654	3,070	7,626	3,587	9,457
27.....	220	2,131	2,207	204	2,348	2,419	7,242	3,370	8,945
August 3.....	357	1,040	1,044	119	1,115	1,393	7,080	3,295	8,296
10.....	189	988	1,066	176	1,031	1,070	6,793	3,252	7,992
17.....	243	1,374	700	184	1,285	1,046	6,552	3,341	7,846
24.....	349	1,385	1,690	450	1,306	1,326	6,151	3,420	7,410
31.....	196	895	380	265	1,221	720	†5,782	†4,845	†6,795

\* Approximate stock.

† Actual count, including Cotton in hands of spinners.

NOTE.—The consumption of Cotton, at Cincinnati, in 1894-95 was 14,800 bales; in 1893-94, 8,200 bales; in 1892-93, 15,800 bales; in 1891-92, 15,900 bales; in 1890-91, 9,960 bales; in 1889-90, 11,200 bales.

## Consumption of Cotton in the United States, and Exports to Europe:

	1894-95	1893-94	1892-93	1891-92	1890-91	1889-90	1888-89	1887-88
Consumption, North..... bales	1,841,000	1,675,000	1,950,000	2,025,000	1,925,000	1,800,000	1,829,000	1,780,000
Consumption, South..... "	853,000	723,000	734,000	682,000	606,000	549,000	486,000	443,000
Consumption, United States..... "	2,694,000	2,398,000	2,684,000	2,707,000	2,531,000	2,349,000	2,315,000	2,223,000
Exported to Europe..... "	6,720,000	5,231,000	4,403,000	5,865,000	5,790,000	4,917,000	4,743,000	4,639,000

## ANNUAL RECEIPTS OF COAL.

Annual receipts of Coal, in bushels, at Cincinnati, for years indicated, according to reports of gaugers, private returns, and records of Chamber of Commerce:

YEARS.	PITTSBURGH. (Youghiogheny)	KANAWHA.	OHIO RIVER.	CANNEL.	ANTHRACITE.	OTHER KINDS.	TOTALS.	EQUAL TONS.
1877-78.....	26,743,055	6,386,623	3,288,008	390,768	439,350	1,654,425	38,892,229	1,441,754
1878-79.....	20,769,027	6,134,039	4,068,452	333,549	768,750	2,136,850	34,210,667	1,269,339
1879-80.....	31,750,968	8,912,801	4,268,214	202,489	712,075	2,351,699	48,198,246	1,787,230
1880-81.....	23,202,084	10,715,459	3,151,934	67,684	770,525	2,336,752	40,244,438	1,492,817
1881-82.....	37,807,961	13,950,802	3,560,881	77,336	779,925	3,090,715	59,267,620	2,197,407
1882-83.....	33,895,064	13,260,347	3,309,534	180,621	977,250	2,997,216	54,620,032	2,025,859
1883-84.....	32,239,473	15,926,743	2,956,688	293,010	1,085,350	3,910,795	56,412,069	2,092,551
1884-85.....	32,286,133	14,588,573	3,007,078	314,774	1,257,900	2,683,864	54,138,322	2,008,850
1885-86.....	34,933,542	17,329,349	939,746	205,717	1,287,925	2,720,250	57,416,529	2,130,354
1886-87.....	37,701,094	20,167,875	338,435	129,503	1,314,775	3,693,850	63,345,532	2,350,026
1887-88.....	41,180,713	20,926,596	1,533,358	26,098	1,328,225	5,710,649	70,705,639	2,551,415
1888-89.....	36,677,974	23,761,853	544,940	12,129	1,020,525	3,075,000	65,092,421	2,348,055
1889-90.....	42,601,615	19,221,196	454,385	.....	1,001,175	4,709,775	67,988,146	2,452,253
1890-91.....	43,254,460	19,115,172	1,479,670	15,111	1,118,671	7,362,698	72,345,782	2,608,923
1891-92.....	41,299,170	18,865,325	704,821	.....	1,207,584	13,311,416	75,388,316	2,718,809
1892.....	42,272,348	19,214,704	768,588	.....	1,268,170	13,335,006	76,858,816	2,771,989
1893.....	28,643,562	24,971,261	405,202	.....	759,626	25,832,374	80,612,025	2,905,071
1894.....	40,156,667	16,338,039	158,334	.....	661,548	19,083,527	76,458,115	2,755,137
1895.....	26,675,823	15,106,095	14,400	.....	1,227,000	27,119,823	70,143,141	2,530,061

NOTE.—Shipments of Coal for 1895, 18,795,325 bushels. Receipts of Coke, 2,353,333 bushels. Quantity of Coke manufactured, 4,394,287 bushels.

## MOVEMENT OF IRON AND STEEL.

Receipts and shipments of Iron and Steel of all kinds, at Cincinnati:

YEARS.	RECEIPTS.				SHIPMENTS.			
	Manufactured Iron and Steel.			Pig Iron.	Manufactured Iron and Steel.			Pig Iron.
	Tons.	Pieces.	Bundles.	Tons.	Tons.	Pieces.	Bundles.	Tons.
1870-71.....	67,593	89,561	9,459	56,758	36,016	255,038	49,696	25,558
1871-72.....	79,661	134,670	10,569	112,753	51,322	179,811	25,399	47,444
1872-73.....	61,117	107,587	4,293	130,795	37,706	40,817	3,291	82,565
1873-74.....	44,237	159,859	68,057	97,815	30,617	74,048	105,875	60,356
1874-75.....	39,749	105,606	73,733	117,225	24,952	96,944	172,327	78,610
1875-76.....	49,502	168,215	156,821	137,646	32,640	80,845	67,536	124,897
1876-77.....	37,289	404,769	182,870	129,194	29,183	268,466	119,746	113,954
1877-78.....	43,737	451,327	205,912	125,912	41,655	321,458	191,101	102,021
1878-79.....	68,528	162,287	88,149	212,281	62,980	142,465	85,685	187,699
1879-80.....	144,013	79,970	61,566	248,515	90,453	206,732	114,933	205,234
1880-81.....	121,914	12,932	18,105	334,702	95,338	57,352	47,968	295,208
1881-82.....	99,929	.....	.....	386,510	89,571	.....	.....	331,153
1882-83.....	106,457	.....	.....	417,635	115,597	.....	.....	382,867
1883-84.....	108,422	.....	.....	427,934	112,610	.....	.....	386,153
1884-85.....	112,109	.....	.....	406,998	89,745	.....	.....	363,663
1885-86.....	137,203	.....	.....	511,426	104,311	.....	.....	461,379
1886-87.....	155,845	.....	.....	667,773	139,393	.....	.....	604,954
1887-88.....	150,747	.....	.....	672,758	124,736	.....	.....	593,306
1888-89.....	147,964	.....	.....	740,683	123,681	.....	.....	618,716
1889-90.....	192,971	.....	.....	820,080	161,915	.....	.....	719,462
1890-91.....	174,512	.....	.....	948,428	164,262	.....	.....	819,937
1891-92.....	193,777	.....	.....	1,102,331	177,777	.....	.....	976,699
1892.....	190,216	.....	.....	1,103,578	174,693	.....	.....	980,294
1893.....	134,029	.....	.....	945,050	109,868	.....	.....	848,318
1894.....	121,229	.....	.....	935,570	89,123	.....	.....	831,222
1895.....	174,194	.....	.....	1,285,936	127,174	.....	.....	1,171,393

NOTE.—Pig Iron sold here, but shipped directly from the furnaces or places of storage to destination, without coming to Cincinnati, is embraced in the Pig Iron figures since 1871-72.

## WEEKLY PRICES OF COAL.

Prices of Coal, as indicated, per bushel afloat, and per ton delivered, at Cincinnati, on Tuesdays, in years stated:

DATES.	PITTSBURGH (YOUGHIOGHENY).						KANAWHA.			
	Afloat, bushel.			Delivered, ton.			Afloat, bushel.		Delivered, ton.	
	1895	1894	1893	1895	1894	1893	1895	1894	1895	1894
January 1....	6	6 @6½	8	\$2 50	\$2 25	\$3 00	5½	6	\$2 50	\$2 25@2 50
8....	6	6	...	2 50	2 00@2 25	5 00@5 50	5½	6	2 50	2 50
15....	6	6	...	2 50	2 00@2 25	5 00	5½	6	2 50	2 50
22....	6	6	...	2 25	2 25	4 00	5	6	2 25	2 50
29....	5½	6	...	2 25	2 25	4 00	5	6	2 25	2 50
February 5....	5½	6	...	2 25	2 25	3 00	5	6½@5½	2 25	2 25
12....	...	6	...	2 50	2 25	3 00	...	5½@5½	2 50	2 25
19....	...	6	...	2 75	2 25	3 00	...	5½@5½	2 75	2 25
26....	...	6	...	2 50	2 25	3 00	...	5½@5½	2 50	2 25
March 5....	6	5½@6	...	2 50	2 25	3 00	5	6½@5½	2 50	2 25
12....	6	5½@6	...	2 50	2 25	3 00	5	6½@5½	2 50	2 25
19....	6	5½@6	...	2 50	2 25	3 00	5	6½@5½	2 50	2 25
26....	6	5½@5½	...	2 50	2 25	3 00	5	6½@5½	2 50	2 25
April 2....	6	5½@5½	...	2 50	2 25	3 00	5	6½@5½	2 50	2 25
9....	6	5½@5½	...	2 50	2 25	3 00	5	6½@5½	2 50	2 25
16....	6	5½@5½	...	2 50	2 25	3 00	5	6½@5½	2 50	2 25
23....	6	5½@5½	...	2 25	2 25	3 00	5	6½@5½	2 25	2 25
30....	6	7 @7½	...	2 25	2 50	3 00	5	6½@5½	2 25	2 50
May 7....	6	8	...	2 25	2 50	3 00	5	6½@5½	6½@7	2 25
14....	6	8 @8½	...	2 25	2 50	3 00	5	6½@5½	7 @8	2 25
21....	6	8 @8½	...	2 25	2 50	3 00	5	6½@5½	7 @8	2 25
28....	6	8½@9	...	2 25	3 00	3 00	5	6½@5½	8 @8½	3 00
June 4....	6	...	...	2 25	3 00	2 75	5	6½@5½	10	2 25
11....	6	...	...	2 25	3 00	2 75	5	6½@5½	9	2 25
18....	6	...	...	2 25	2 75@3 00	2 75	5	6½@5½	8	3 00
25....	6	...	...	2 25	2 75	2 75	5	6½@5½	8	2 75
July 2....	6	...	...	2 25	2 75	2 75	5	6½@5½	8	2 75
9....	...	...	...	2 25	2 75	2 75	5½@6	8	8	2 75
16....	...	...	...	2 25	2 75	2 75@3 00	5½@6	8	8	2 75
23....	...	...	...	2 25	2 75	3 00	5½@6	8	8	2 75
30....	...	...	...	2 25@2 50	2 75	3 00	5½@6	8	8	2 75
August 6....	...	...	...	2 25@2 50	2 75	3 00	5½@6	7½	2 25@2 50	2 75
13....	...	...	...	2 25@2 50	2 75	3 00	5½@6	7½	2 25@2 50	2 75
20....	...	...	...	2 25@2 50	2 75	3 00	5½@6	7½	2 25@2 50	2 75
27....	...	...	...	2 25@2 50	2 75	3 00	5½@6	7½	2 25@2 50	2 75
September 3....	...	...	...	2 25@2 50	2 75	3 00	5½@6	7½	2 25@2 50	2 75
10....	...	...	...	2 25@2 50	2 75	3 00	5½@6	7½	2 00@2 50	2 75
17....	...	...	...	2 25@2 50	2 75	3 00	5½@6	7½	2 00@2 50	2 75
24....	...	...	...	2 25@2 50	2 50	3 00	5½@6	...	2 00@2 50	2 50
October 1....	...	6½	...	2 50	2 50	3 00	...	...	2 25@2 50	2 50
8....	...	6½	...	2 75@3 00	2 50	3 00	...	...	2 75	2 50
15....	...	6½	...	2 75@3 00	2 50	3 00@3 25	...	...	2 75@3 00	2 50
22....	...	...	...	2 75@3 00	2 50@2 75	3 00@3 25	...	...	2 75@3 00	2 50@2 75
29....	...	...	...	2 75@3 00	2 50@2 75	3 00@3 25	...	...	2 75@3 00	2 50@2 75
November 5....	...	...	...	2 75@3 00	2 50@2 75	3 00@3 25	...	...	2 75@3 00	2 50@2 75
12....	...	...	...	2 75@3 00	2 50@2 75	3 00@3 25	...	...	2 75@3 00	2 50@2 75
19....	...	...	...	3 00	2 50@2 75	3 00@3 25	...	...	2 75@3 00	2 50@2 75
26....	...	...	...	3 00	2 50@2 75	3 00@3 25	...	...	3 00	2 50@2 75
December 3....	5½	...	7	3 00	2 50@2 75	2 75	...	...	3 00	2 50@2 75
10....	6½	6	6½	3 00	2 50	2 75	...	...	3 00	2 50
17....	6½	6	6½	3 00	2 50	2 50	...	5½@6	3 00	2 50
24....	6	6	6½	3 00	2 50	2 50	...	5½	3 00	2 50
31....	6	6	6½	3 00	2 50	2 25	...	5½	3 00	2 50

## PRODUCTION OF COAL.

Annual production of Coal in the United States, in tons of 2,240 pounds:

KINDS.	1894	1893	1892	1891	1890	1889
Bituminous.....	106,090,000	114,630,000	113,207,000	105,269,000	99,393,000	85,383,000
Anthracite.....	46,358,000	48,185,000	46,908,000	45,237,000	41,490,000	40,715,000
Total, tons.....	152,448,000	162,815,000	160,115,000	150,506,000	140,883,000	126,098,000

## AVERAGE ANNUAL PRICES OF COAL.

Average annual prices for the various kinds of Coal, per bushel, or its equivalent, at Cincinnati, for commercial and calendar years indicated:

YEARS.	AFLOAT.								
	Pittsburgh.	Ashland.	Ohio River.	Hocking Valley.	Raymond City.	Muskingum Valley.	Kanawha.	Winifrede.	Cannel.
1879-80.....	9.06	.....	6.67	.....	.....	.....	8.66	.....	.....
1880-81.....	10.23	8.30	7.35	.....	9.22	.....	9.67	.....	.....
1881-82.....	8.78	.....	7.30	†9.97	8.45	‡8.85	9.08	.....	16.00
1882-83.....	8.32	6.40	5.86	‡9.00	7.28	‡8.88	7.96	.....	16.00
1883-84.....	8.11	.....	5.63	‡9.13	7.17	†9.13	7.54	.....	.....
1884-85.....	8.04	6.29	5.44	.....	7.14	.....	7.43	.....	.....
1885-86.....	6.58	5.44	4.98	*7.87	6.23	*7.37	6.24	.....	.....
1886-87.....	7.55	6.37	5.83	*8.03	7.35	*8.08	7.26	7.15	.....
1887-88.....	10.01	7.98	7.38	*9.93	9.75	*9.98	9.75	9.75	.....
1888-89.....	6.71	.....	4.76	.....	6.10	.....	6.10	5.97	.....
1889-90.....	6.78	.....	5.16	.....	6.33	.....	6.37	6.33	.....
1890-91.....	7.28	.....	.....	.....	6.75	.....	6.75	.....	.....
1891-92.....	7.63	6.30	.....	.....	7.09	.....	7.09	.....	.....
1892.....	7.49	.....	.....	.....	.....	.....	.....	.....	.....
1893.....	7.58	.....	.....	.....	7.08	.....	7.20	.....	.....
1894.....	6.34	.....	.....	.....	.....	.....	6.69	.....	.....
1895.....	6.00	.....	.....	.....	.....	.....	5.42	.....	.....

  

YEARS.	DELIVERED.								
	Pittsburgh.	Ashland.	Ohio River.	Hocking Valley.	Raymond City.	Muskingum Valley.	Kanawha.	Winifrede.	Cannel.
1879-80.....	13.22	11.07	10.44	12.70	11.97	11.93	12.55	.....	19.89
1880-81.....	15.00	13.18	12.36	13.55	13.97	13.55	14.87	.....	22.83
1881-82.....	14.47	.....	12.25	12.47	13.47	12.47	14.47	.....	21.84
1882-83.....	12.62	10.62	10.62	11.06	11.62	†10.72	12.25	.....	19.11
1883-84.....	11.85	.....	10.16	11.34	11.05	†11.84	11.65	.....	17.01
1884-85.....	10.91	9.50	9.31	.....	10.72	.....	10.73	.....	15.97
1885-86.....	10.05	9.09	8.54	.....	9.42	9.42	9.65	.....	15.16
1886-87.....	11.04	9.73	9.67	10.03	10.82	10.03	10.86	10.55	15.98
1887-88.....	13.96	11.77	11.66	11.82	13.00	11.82	13.27	13.25	.....
1888-89.....	9.95	.....	8.63	.....	9.64	.....	9.64	9.48	12.78
1889-90.....	9.69	.....	8.86	.....	9.69	.....	9.67	9.58	14.28
1890-91.....	10.24	.....	.....	.....	10.24	.....	10.24	10.17	19.80
1891-92.....	10.33	8.64	.....	.....	10.33	.....	10.33	10.11	.....
1892.....	10.36	.....	.....	.....	10.36	.....	10.36	10.18	.....
1893.....	11.04	.....	.....	.....	11.07	.....	10.57	10.67	.....
1894.....	9.11	.....	.....	.....	.....	.....	9.18	.....	.....
1895.....	9.00	.....	.....	.....	.....	.....	8.15	.....	.....

\* On cars.

† At elevator.

‡ Nominal. Very little in the market.

## THE WORLD'S PRODUCTION OF COAL.

Detailed statement of the World's yearly output of Coal, in long tons:

COUNTRIES.	1894	1893	1892	1891	1890
Great Britain.....	188,277,000	164,326,000	181,787,000	185,479,000	181,614,000
United States.....	152,448,000	162,815,000	160,115,000	150,506,000	140,883,000
Germany.....	83,870,000	90,000,000	94,196,000	85,000,000	87,591,000
Other Countries.....	90,000,000	90,000,000	85,000,000	90,000,000	88,893,000
Total, long tons.....	514,595,000	507,141,000	521,098,000	510,985,000	498,981,000

## AVERAGE ANNUAL PRICES OF COAL.

Average annual prices for the various kinds of Coal, per ton of 2,000 pounds, or its equivalent, at Cincinnati, for commercial and calendar years indicated:

YEARS.	AFLOAT.									
	Pittsburgh.	Ashland.	Ohio River.	Hocking Valley.	Raymond City.	Muskingum Valley.	Kanawha.	Winifrede.	Cannel.	Anthracite.
1881-82.....	\$2 44	.....	\$2 03	\$2 77	\$2 85	\$2 73	\$2 52	.....	\$4 44	.....
1882-83.....	2 31	\$1 78	1 63	2 50	2 02	2 46	2 21	.....	4 44	.....
1883-84.....	2 25	.....	1 56	2 53	1 99	2 53	2 09	.....	.....	.....
1884-85.....	2 23	1 75	1 51	.....	1 98	.....	2 06	.....	.....	.....
1885-86.....	1 83	1 51	1 38	2 05	1 73	2 06	1 73	.....	.....	.....
1886-87.....	2 10	1 77	1 62	2 23	2 04	2 23	2 01	\$1 98	.....	.....
1887-88.....	2 78	2 21	2 05	76	2 71	2 76	2 71	2 71	.....	.....
1888-89.....	1 86	.....	1 32	.....	1 69	.....	1 69	1 66	.....	.....
1889-90.....	1 88	.....	1 43	.....	1 76	.....	1 77	1 76	.....	.....
1890-91.....	2 02	.....	.....	.....	1 87	.....	1 87	.....	.....	.....
1891-92.....	2 12	1 75	.....	.....	1 97	.....	1 97	.....	.....	.....
1892.....	2 06	.....	.....	.....	.....	.....	.....	.....	.....	.....
1893.....	2 10	.....	.....	.....	1 96	.....	2 00	.....	.....	.....
1894.....	1 77	.....	.....	.....	.....	.....	1 85	.....	.....	.....
1895.....	1 70	.....	.....	.....	.....	.....	1 75	.....	.....	.....

  

YEARS.	DELIVERED.									
	Pittsburgh.	Ashland.	Ohio River.	Hocking Valley.	Raymond City.	Muskingum Valley.	Kanawha.	Winifrede.	Cannel.	Anthracite.
1881-82.....	\$4 02	.....	\$3 40	\$3 46	\$3 47	\$3 36	\$4 02	.....	\$6 06	\$8 21
1882-83.....	3 34	\$2 96	2 95	3 07	3 23	3 23	3 40	.....	5 81	7 87
1883-84.....	3 29	.....	2 82	3 15	3 07	3 15	3 23	.....	4 72	7 40
1884-85.....	3 03	2 64	2 58	.....	2 98	.....	2 98	.....	4 43	7 05
1885-86.....	2 79	2 52	2 37	2 61	2 68	2 61	2 66	.....	4 21	6 62
1886-87.....	3 06	2 70	2 68	2 78	3 00	2 78	3 01	\$2 93	4 44	6 78
1887-88.....	3 38	3 27	3 24	3 28	3 61	3 28	3 68	3 68	.....	7 63
1888-89.....	2 76	.....	2 40	.....	2 68	.....	2 68	2 63	3 55	7 00
1889-90.....	2 69	.....	2 46	.....	2 69	.....	2 69	2 66	3 97	6 46
1890-91.....	2 84	.....	.....	.....	2 84	.....	2 84	2 82	5 50	6 38
1891-92.....	2 87	2 40	.....	.....	2 87	.....	2 87	2 81	.....	6 41
1892.....	2 88	.....	.....	.....	2 88	.....	2 88	2 83	.....	6 79
1893.....	3 07	.....	.....	.....	3 08	.....	2 94	2 97	.....	7 23
1894.....	2 53	.....	.....	.....	.....	.....	2 55	.....	.....	6 35
1895.....	2 51	.....	.....	.....	.....	.....	2 49	.....	.....	6 16

\* On cars.

† At elevator.

‡ Nominal. Very little in the market.

## AVERAGE ANNUAL PRICES OF COKE.

Average annual prices of Coke, delivered, at Cincinnati, in ten years:

YEARS.	City Manufactured.	Gas House.	Connellsville.	Crushed.	YEARS.	City Manufactured.	Gas House.	Connellsville.	Crushed.
	Bushel.	Bushel.	Ton.	Bushel.		Bushel.	Bushel.	Ton.	Bushel.
1886-87.....	8.78	9.00	\$5 56	10.19	1891-92.....	9.00	8.00	\$6 00	9.00
1887-88.....	10.52	10.75	6 02	11.80	1892.....	9.00	8.00	6 13	9.00
1888-89.....	8.19	9.08	5 15	10.00	1893.....	10.00	9.00	6 50	10.00
1889-90.....	7.98	8.75	5 50	9.71	1894.....	8.20	9.00	6 50	10.00
1890-91.....	8.44	8.00	6 20	8.92	1895.....	8.00	8.00	6 50	9.00

## PRICES OF PIG IRON.

Prices of the various kinds of Pig Iron, per ton, at Cincinnati, at the close of December, as indicated:

KINDS.	1895	1894	1893	1892
<b>HOTBLAST CHARCOAL.</b>				
Hanging Rock, No. 1.....	\$16 00@17 00	\$17 50@18 00	\$17 75@18 25	\$18 50@19 50
" " No. 2.....	16 00@17 00	17 50@18 00	17 75@18 25	18 50@19 50
" " forge.....	16 00@17 00	15 75@16 00	16 25@16 50	16 50@17 00
Southern, No. 1.....	13 50@14 00	13 00@13 25	13 75@14 00	16 00@16 50
" " No. 2.....	13 00@13 50	12 50@12 75	12 75@13 00	15 00@15 50
" " forge.....	13 00@13 25	12 25@12 50	12 50@12 75	14 50@15 00
Missouri, No. 1.....	.....	.....	.....	16 00@16 50
" " No. 2.....	.....	.....	.....	14 50@15 50
" " forge.....	.....	.....	.....	14 25@15 25
Lake Superior, Nos. 1 and 2.....	.....	.....	16 25@16 50	17 50@17 75
" " Nos. 3 to 6.....	.....	.....	16 25@16 50	17 75@18 00
<b>HOTBLAST STONE COAL AND COKE.</b>				
Bessemer, Nos. 1 and 2.....	12 60	12 15@12 50	13 40@13 65	15 50@16 00
" " forge.....	12 60	12 15@12 50	13 40@13 65	15 50@16 00
Strong, No. 1.....	14 00@15 00	12 25@12 50	14 00@14 25	15 00@15 50
" " No. 2.....	13 50@14 50	11 25@11 75	13 25@13 50	14 00@14 50
Soft, No. 1.....	.....	12 15@12 25	14 25@14 50	15 00@15 50
" " No. 2.....	.....	11 75@12 00	13 25@13 50	14 00@14 50
<b>COLD AND WARMBLAST CHARCOAL.</b>				
Hanging Rock, carwheel and malleable .....	15 00@16 00	18 00@19 00	18 00@19 00	18 00@19 00
Southern, " " " " .....	16 00@16 50	17 00@17 50	17 00@17 50	17 00@17 50

Average annual prices of Pig Iron, per ton, at Cincinnati, for years indicated:

YEARS.	No. 1 hot-blast charcoal iron.	No. 1 stone coal iron.	No. 1 car-wheel iron.	YEARS.	No. 1 hot-blast charcoal iron.	No. 1 stone coal iron.	No. 1 car-wheel iron.
1876-77.....	\$24 14	.....	.....	1886-87.....	\$22 95	\$20 54	\$28 31
1877-78.....	22 84	.....	.....	1887-88.....	22 64	18 98	25 07
1878-79.....	21 59	.....	.....	1888-89.....	21 47	16 97	23 25
1879-80.....	35 04	\$31 90	\$48 83	1889-90.....	21 69	17 65	23 47
1880-81.....	26 91	23 67	39 30	1890-91.....	21 18	16 35	22 58
1881-82.....	28 45	25 96	36 50	1891-92.....	20 28	15 62	19 29
1882-83.....	25 63	22 82	30 42	1892.....	19 75	15 15	18 85
1883-84.....	23 43	20 40	28 46	1893.....	18 45	14 00	18 50
1884-85.....	20 93	17 33	26 41	1894.....	17 80	11 60	18 50
1885-86.....	20 46	17 96	25 50	1895.....	15 90	12 87	15 95

## SALES OF PIG IRON.

Annual sales of Pig Iron, at Cincinnati, and approximate value of the same, in years ending August 31 and December 31:

YEARS.	Tons Sold.	Value.	YEARS.	Tons Sold.	Value.
1880-81.....	334,700	\$ 9,007,000	1888-89.....	740,700	\$13,465,000
1881-82.....	286,500	10,698,000	1889-90.....	820,100	15,376,000
1882-83.....	417,600	10,061,000	1890-91.....	948,400	17,783,000
1883-84.....	427,900	9,307,000	1891-92.....	1,102,300	20,117,000
1884-85.....	407,000	7,668,000	1892.....	1,103,578	19,588,500
1885-86.....	511,400	9,737,000	1893.....	945,050	15,830,000
1886-87.....	667,800	14,514,000	1894.....	935,570	12,160,000
1887-88.....	672,700	13,563,000	1895.....	1,285,900	17,360,000

NOTE.—Sales include quantities shipped direct, without appearing in Cincinnati receipts.



## LOW AND HIGH PRICES OF PIG IRON.

Lowest and highest quotations of No. 1 Hotblast Charcoal Iron, per ton, at Cincinnati, and months for the same, in years ending August 31 and December 31:

YEARS.	LOWEST.		HIGHEST.	
	Quotations.	Months.	Quotations.	Months.
1868-69...	\$38 00	September, October.....	\$48 00	April, May, June, July, August.
1869-70...	37 00	June, July, August.....	50 00	September, October, November.
1870-71...	35 00	August.....	37 50	Sept., Oct., Nov., Dec.
1871-72...	35 00@36 00	September.....	57 00	August
1872-73...	47 00@49 00	August.....	58 00@59 00	September, October, November.
1873-74...	33 00@34 00	July, August.....	47 00@49 00	September.
1874-75...	27 00@28 00	Dec., Jan., Feb., Aug.....	33 00@34 00	September.
1875-76...	24 00@25 00	Feb., Mar., Apr., May, Jun., Jul., Aug	27 00@28 00	September.
1876-77...	23 00@24 00	Oct., Nov., Dec., Jan., Aug.....	24 00@25 00	Sept., Oct., Apr., May, June, July, Aug.
1877-78...	21 00@22 00	August.....	23 00@24 00	Sept., Oct., Nov., Dec., Jan., Feb.
1878-79...	20 00@21 00	June, July.....	27 00@28 00	August.
1879-80...	27 00@28 00	September, May, June, July.....	43 00@44 00	February.
1880-81...	26 00@27 00	{ Dec., Jan., Feb., Mar., April, May, } June, July, Aug.....	30 00	September.
1881-82...	26 00@27 00	September.....	29 00@30 00	January, February, March, April.
1882-83...	24 50@25 00	May, June, July, August.....	27 50@28 00	September, October.
1883-84...	22 00@23 25	May, June, July, August.....	24 50@25 00	September.
1884-85...	18 00@19 00	June, July, August.....	22 00@23 25	September.
1885-86...	18 00@19 00	September.....	20 00@22 00	Dec., Jan., Feb., March, April, May.
1886-87...	20 00@21 00	September, October.....	24 00@25 50	January, February, March, April.
1887-88...	20 50@21 50	June, July, August.....	24 00@24 50	September, October.
1888-89...	20 00@22 00	August.....	21 00@22 00	Each month in the year.
1889-90...	20 00@22 00	September, October, November.....	22 00@23 00	December, January, February, Mar
1890-91...	20 00@22 00	January to August, inclusive.....	21 00@22 00	Sept., Oct., Nov., Dec., Jan.
1891-92...	19 00@20 00	August.....	20 00@22 00	September, October, November.
1892...	18 50@19 50	October, November, December.....	19 75@21 00	January, February.
1893...	17 75@18 25	June to December, inclusive.....	18 50@19 50	January to April, inclusive.
1894...	17 50@18 00	March to December.....	17 75@18 25	January to March.
1895...	15 50@15 75	March to June.....	16 25@17 00	August, September, October.

Lowest and highest quotations of Strong No. 1 Stone Coal Iron, per ton, at Cincinnati, and months for the same, in years ending August 31 and December 31:

YEARS.	LOWEST.		HIGHEST.	
	Quotations.	Months.	Quotations.	Months.
1874-75...	\$26 00@27 00	Dec., Jan., Feb., July, Aug.....	\$32 00@33 00	September.
1875-76...	23 00@24 00	Feb., Mar., Apr., May, Jun., July, Aug.	26 00@27 00	September.
1876-77...	22 00@23 00	December, August.....	23 00@24 00	{ Sept., Oct., Jan., Feb., March, April, May, June, July, Aug.
1877-78...	19 00@20 00	August.....	22 00@23 00	Sept., Oct., Nov., Dec., Jan.
1878-79...	19 00@20 00	Sept., Oct., Nov., Dec., Jan., Feb....	24 00@25 00	August.
1879-80...	24 00@25 00	September.....	40 00@41 00	January, February.
1880-81...	23 00@24 00	{ Oct., Nov., Dec., Jan., Feb., Mar., } April, May, June, July, Aug....	24 00@26 00	September.
1881-82...	23 00@25 00	June, July.....	27 00@28 00	Nov., Dec., Jan., Feb., March, April
1882-83...	21 00@22 00	June, July, August.....	23 00@25 50	September, October
1883-84...	18 00@19 00	July, August.....	21 00@22 00	September.
1884-85...	15 50@16 50	August.....	18 00@19 00	September, October, November.
1885-86...	15 50@16 50	September.....	18 00@20 00	January, February, March.
1886-87...	17 00@18 50	September, October.....	21 50@23 00	January, February, March.
1887-88...	16 00@16 50	June, July, August.....	21 00@21 50	September.
1888-89...	14 75@17 50	May, June, July, August.....	17 50@19 00	September.
1889-90...	15 00@18 50	April, May.....	19 00@20 50	January.
1890-91...	14 50@17 50	January, February.....	15 25@18 50	October.
1891-92...	13 25@16 00	August.....	15 00@17 50	November.
1892...	13 25@16 00	August, September, October.....	14 75@17 00	January.
1893...	12 25@14 25	December.....	18 75@15 50	January.
1894...	11 00@12 25	April, May, June, July.....	12 25@14 25	January.
1895...	11 65@12 00	March, April, May, June.....	16 40	October.

## MONTHLY PRICES OF PIG IRON.

Range of prices monthly of Hanging Rock No. 1 Hotblast Charcoal, Strong No. 1 Hotblast Stone Coal, and Hanging Rock Carwheel Coldblast Charcoal Pig Iron, per ton, at Cincinnati, in years indicated:

MONTHS.	HOTBLAST CHARCOAL.		HOTBLAST STONE COAL AND COKE.		COLDBLAST CHARCOAL.	
	1895	1894	1895	1894	1895	1894
January.....	\$15 50@18 00	\$17 75@18 25	\$12 25@12 50	\$13 25@14 25	\$18 00@19 00	\$18 00@19 00
February.....	15 50@15 75	17 75@18 25	11 65@12 25	12 75@13 25	15 00@19 00	18 00@19 00
March.....	15 50@15 75	17 50@18 25	11 65@12 00	12 50@13 00	15 00@16 00	18 00@19 00
April.....	15 50@15 75	17 50@18 00	11 65@12 00	12 25@12 75	15 00@16 00	18 00@19 00
May.....	15 50@15 75	17 50@18 00	11 65@12 00	12 25@12 50	15 00@16 00	18 00@19 00
June.....	15 50@15 75	17 50@18 00	11 65@12 00	12 25@12 50	15 00@16 00	18 00@19 00
July.....	15 50@17 00	17 50@18 00	11 65@14 40	12 25@12 50	15 00@16 00	18 00@19 00
August.....	16 25@17 00	17 50@18 00	14 40@15 40	12 25@12 50	15 00@16 00	18 00@19 00
September.....	16 25@17 00	17 50@18 00	15 40@16 40	12 25@12 50	15 00@16 00	18 00@19 00
October.....	16 25@17 00	17 50@18 00	16 40	12 25@12 50	15 00@16 00	18 00@19 00
November.....	16 00@17 00	17 50@18 00	15 90@16 40	12 25@12 50	15 00@16 00	18 00@19 00
December.....	16 00@17 00	17 50@18 00	14 00@15 90	12 25@12 50	15 00@16 00	18 00@19 00

## PIG IRON PRODUCTION.

The following statement shows the production of Pig Iron in States immediately tributary to Cincinnati, and totals for the entire country, the figures representing long tons of 2,240 pounds, in years indicated:

STATES.	1895	1894	1893	1892	1891	1890
Alabama.....	854,667	592,392	726,888	915,296	795,673	816,911
Georgia.....	31,084	40,268	39,675	9,950	49,858	29,185
Illinois.....	1,006,091	604,795	405,261	949,450	669,202	701,106
Indiana.....	.....	.....	5,567	7,700	7,729	14,641
Kentucky.....	63,780	33,854	47,501	56,548	44,844	47,861
Michigan.....	91,222	95,171	117,538	184,421	213,145	230,769
Missouri.....	27,518	6,522	32,860	57,020	29,229	89,776
Ohio.....	1,463,789	900,029	875,265	1,221,913	1,035,013	1,240,330
Tennessee.....	248,129	212,773	207,915	300,061	291,738	267,626
West Virginia.....	141,968	80,781	81,591	154,793	86,283	129,438
Wisconsin.....	148,400	91,595	131,772	174,961	197,160	219,854
Total, tons.....	4,076,598	2,658,180	2,671,333	4,082,133	3,419,874	3,787,497
All Other.....	5,369,710	3,999,208	4,453,169	5,124,867	4,859,996	5,415,206
Total, United States.....	9,446,308	6,657,388	7,124,502	9,157,000	8,279,870	9,202,703

Total production of Pig Iron in the United States, the figures representing net tons, for years indicated:

1878.....	2,577,361	1884.....	4,589,613	1890.....	10,307,027
1879.....	3,070,875	1885.....	4,529,869	1891.....	9,273,454
1880.....	4,295,414	1886.....	6,365,328	1892.....	10,235,840
1881.....	4,641,564	1887.....	7,187,206	1893.....	7,979,442
1882.....	5,178,122	1888.....	7,268,507	1894.....	7,456,274
1883.....	5,146,972	1889.....	8,516,079	1895.....	10,579,865

## MOVEMENT OF TOBACCO.

Yearly movement of Leaf and Manufactured Tobacco, at Cincinnati:

YEARS.	RECEIPTS.			SHIPMENTS.			YEARS.	RECEIPTS.			SHIPMENTS.		
	Leaf.		Manufactured packages.	Leaf.		Manufactured packages.		Leaf.		Manufactured packages.	Leaf.		Manufactured packages.
	Hhds.	Cases and bales.		Hhds.	Cases and bales.			Hhds.	Cases and bales.		Hhds.	Cases and bales.	
1850-51.	3,701	1,697	19,945	2,865	106	18,345	1873-74.	73,093	4,253	128,714	66,094	4,365	255,210
1851-52.	11,460	1,996	23,060	10,821	629	24,761	1874-75.	45,234	10,915	114,925	43,249	8,776	217,392
1852-53.	7,881	2,478	48,201	6,902	1,341	31,867	1875-76.	61,388	13,230	150,336	59,103	12,245	297,960
1853-54.	8,744	3,118	30,235	9,353	3,370	30,741	1876-77.	71,217	17,423	190,445	68,759	11,700	365,148
1854-55.	5,209	2,312	21,802	4,968	3,307	26,077	1877-78.	88,280	16,970	195,572	85,049	9,984	422,661
1855-56.	5,702	2,129	33,924	5,005	3,075	27,745	1878-79.	78,137	15,932	263,707	69,220	8,477	531,705
1856-57.	4,837	2,663	40,994	4,054	5,823	34,298	1879-80.	88,965	17,813	268,316	79,101	12,363	496,094
1857-58.	4,476	4,603	31,745	4,588	5,798	32,279	1880-81.	100,626	20,770	228,432	91,413	12,974	414,831
1858-59.	5,328	6,871	56,330	4,493	5,598	45,030	1881-82.	81,519	29,113	279,625	74,764	13,184	399,336
1859-60.	6,261	7,239	49,552	6,124	4,074	49,882	1882-83.	90,150	24,170	264,141	90,720	13,252	369,448
1860-61.	14,148	7,001	35,455	14,232	3,971	42,141	1883-84.	95,495	25,322	196,653	90,895	15,463	350,948
1861-62.	31,914	13,147	37,813	27,955	7,928	75,968	1884-85.	114,780	19,488	213,906	110,134	10,328	335,058
1862-63.	33,261	6,981	31,683	29,736	6,492	65,457	1885-86.	108,341	22,336	253,336	101,447	10,623	313,614
1863-64.	53,769	14,669	50,063	48,277	22,263	82,081	1886-87.	106,260	26,559	357,312	96,585	14,179	392,603
1864-65.	54,359	7,447	22,807	51,969	12,971	45,955	1887-88.	75,217	20,232	486,325	77,896	9,128	388,853
1865-66.	43,943	7,754	39,296	40,665	10,776	51,292	1888-89.	98,565	21,177	531,404	92,806	11,760	350,610
1866-67.	64,350	424	37,786	57,069	13,493	45,587	1889-90.	114,331	27,007	518,136	109,048	13,078	369,338
1867-68.	42,892	3,636	24,607	37,502	9,068	36,280	1890-91.	124,760	25,571	381,287	126,458	12,803	363,442
1868-69.	39,978	4,753	26,545	36,810	6,143	36,862	1891-92.	130,783	29,726	257,669	130,861	21,068	247,905
1869-70.	46,563	9,961	53,961	42,538	6,199	88,149	1892....	129,259	30,167	201,447	128,162	19,910	207,590
1870-71.	56,283	9,083	61,497	50,541	2,493	110,652	1893....	97,646	31,602	167,616	97,472	17,586	170,629
1871-72.	45,877	11,176	59,535	39,566	1,738	146,771	1894....	120,521	35,603	153,914	121,517	14,822	160,470
1872-73.	61,876	5,278	89,650	59,189	4,897	174,749	1895....	112,033	30,208	123,327	100,781	10,212	149,948

NOTE.—The foregoing represents commercial years to 1891-92. calendar years subsequently.

## TOTAL TOBACCO MANUFACTURE.

Quantity of Chewing and Smoking Tobacco, representing pounds, manufactured in Cincinnati, Covington and Newport, respectively, together with totals:

YEARS.	CHEWING TOBACCO.			SMOKING TOBACCO.		
	CINCINNATI.	COVINGTON AND NEWPORT.	TOTAL.	CINCINNATI	COVINGTON AND NEWPORT.	TOTAL.
1877-78.	2,490,544 <sup>1</sup> / <sub>2</sub>	1,826,584 <sup>1</sup> / <sub>2</sub>	4,307,129	1,878,351 <sup>1</sup> / <sub>2</sub>	268,675 <sup>1</sup> / <sub>2</sub>	2,147,027 <sup>1</sup> / <sub>2</sub>
1878-79.	2,095,220	2,546,991 <sup>1</sup> / <sub>2</sub>	4,642,211 <sup>1</sup> / <sub>2</sub>	1,885,096	399,063 <sup>1</sup> / <sub>2</sub>	2,284,159 <sup>1</sup> / <sub>2</sub>
1879-80.	2,590,860	2,679,273 <sup>1</sup> / <sub>2</sub>	5,270,133 <sup>1</sup> / <sub>2</sub>	1,601,363	341,074	1,942,437
1880-81.	2,353,983 <sup>1</sup> / <sub>2</sub>	2,348,176	4,702,159 <sup>1</sup> / <sub>2</sub>	1,630,017 <sup>1</sup> / <sub>2</sub>	291,465	1,921,482 <sup>1</sup> / <sub>2</sub>
1881-82.	1,794,414 <sup>1</sup> / <sub>2</sub>	2,657,901	4,452,315 <sup>1</sup> / <sub>2</sub>	1,548,288 <sup>1</sup> / <sub>2</sub>	515,862	2,064,150 <sup>1</sup> / <sub>2</sub>
1882-83.	853,522 <sup>1</sup> / <sub>2</sub>	3,077,337	3,930,859 <sup>1</sup> / <sub>2</sub>	910,930 <sup>1</sup> / <sub>2</sub>	866,806 <sup>1</sup> / <sub>2</sub>	1,777,736 <sup>1</sup> / <sub>2</sub>
1883-84.	1,180,091 <sup>1</sup> / <sub>2</sub>	3,529,091	4,709,182 <sup>1</sup> / <sub>2</sub>	874,013 <sup>1</sup> / <sub>2</sub>	613,692	1,487,705 <sup>1</sup> / <sub>2</sub>
1884-85.	834,817 <sup>1</sup> / <sub>2</sub>	3,686,577	4,521,395 <sup>1</sup> / <sub>2</sub>	900,899 <sup>1</sup> / <sub>2</sub>	297,290 <sup>1</sup> / <sub>2</sub>	1,198,190
1885-86.	744,851	3,442,683 <sup>1</sup> / <sub>2</sub>	4,187,534 <sup>1</sup> / <sub>2</sub>	849,458	330,947	1,180,405
1886-87.	563,682 <sup>1</sup> / <sub>2</sub>	3,598,827 <sup>1</sup> / <sub>2</sub>	3,162,510	788,313 <sup>1</sup> / <sub>2</sub>	249,827	1,038,140 <sup>1</sup> / <sub>2</sub>
1887-88.	273,942 <sup>1</sup> / <sub>2</sub>	2,033,516 <sup>1</sup> / <sub>2</sub>	2,307,458 <sup>1</sup> / <sub>2</sub>	780,328	195,484	975,812
1888-89.	241,240 <sup>1</sup> / <sub>2</sub>	2,117,587	1,658,827 <sup>1</sup> / <sub>2</sub>	870,165 <sup>1</sup> / <sub>2</sub>	140,201	1,010,366 <sup>1</sup> / <sub>2</sub>
1889-90.	50,324 <sup>1</sup> / <sub>2</sub>	2,207,822	1,267,146 <sup>1</sup> / <sub>2</sub>	886,912 <sup>1</sup> / <sub>2</sub>	119,456	1,006,368 <sup>1</sup> / <sub>2</sub>
1890-91.	77,418 <sup>1</sup> / <sub>2</sub>	2,584,749	1,662,167 <sup>1</sup> / <sub>2</sub>	864,223 <sup>1</sup> / <sub>2</sub>	156,733	1,020,956 <sup>1</sup> / <sub>2</sub>
1891-92.	94,337	2,894,965	1,989,292	987,577 <sup>1</sup> / <sub>2</sub>	187,413	1,174,990 <sup>1</sup> / <sub>2</sub>
1892.	90,091	2,881,884	1,971,975	1,069,934 <sup>1</sup> / <sub>2</sub>	186,121	1,256,055 <sup>1</sup> / <sub>2</sub>
1893.	43,937	2,492,257	1,536,194	1,297,935	147,586	1,445,521
1894.	22,922	2,678,876	1,699,792	1,725,058 <sup>1</sup> / <sub>2</sub>	165,844	1,890,897 <sup>1</sup> / <sub>2</sub>
1895.	19,506	2,488,981 <sup>1</sup> / <sub>2</sub>	1,508,487 <sup>1</sup> / <sub>2</sub>	2,613,547 <sup>1</sup> / <sub>2</sub>	147,262	2,760,809 <sup>1</sup> / <sub>2</sub>

\* Approximate production based on actual production of Chewing and Smoking Tobacco combined, and on the relation which the two kinds sustained to each other in the calendar year.

## LEAF TOBACCO TRADE.

Monthly receipts, offerings, rejections and sales of Leaf Tobacco, in hogsheads, and annual business in cases, at the Cincinnati warehouses, during three years:

MONTHS.	RECEIPTS.			OFFERINGS.			REJECTIONS.			SALES.		
	1895	1894	1893	1895	1894	1893	1895	1894	1893	1895	1894	1893
January .....	6,423	6,037	3,494	11,106	10,220	5,951	3,111	2,992	1,450	7,995	7,228	4,501
February .....	3,181	7,009	5,754	7,912	9,042	7,372	2,401	3,017	1,859	5,511	6,025	5,513
March .....	6,996	5,250	4,206	10,387	9,029	8,159	3,210	2,429	1,810	7,177	6,600	6,349
April .....	5,307	4,342	5,414	8,817	6,204	7,220	2,285	1,473	1,921	6,532	4,731	5,299
May .....	5,413	5,904	6,155	8,006	8,652	5,761	2,024	1,719	1,715	5,982	6,983	4,046
June .....	8,719	8,264	7,459	9,380	10,022	6,663	1,949	2,246	1,705	7,431	7,776	4,898
July .....	14,521	8,494	7,256	10,209	6,161	3,792	3,479	1,749	944	6,730	4,412	2,848
August .....	11,227	11,288	8,066	7,250	10,722	4,794	2,427	3,269	1,183	4,823	7,453	3,611
September .....	9,219	8,773	7,117	8,822	9,813	7,503	2,762	3,049	1,926	6,060	6,764	5,577
October .....	3,140	4,301	5,486	7,261	8,661	8,265	2,082	2,528	2,859	5,179	6,133	5,406
November .....	2,833	3,084	3,445	7,713	7,523	8,342	2,397	2,164	2,956	5,316	5,859	5,386
December .....	3,529	3,879	3,615	6,335	7,961	6,222	2,390	2,083	1,953	3,945	5,873	4,269
Total hhds. ....	80,508	76,625	67,467	103,198	104,010	79,984	30,517	28,723	22,281	72,681	75,287	57,703
Total cases. ....	2,487	3,254	3,107	3,609	4,685	4,492	1,433	1,531	1,952	2,176	3,154	2,540

Total annual receipts, offerings, rejections and sales of Leaf Tobacco, at the Cincinnati warehouses, for commercial years ending August 31, to 1891-92, and calendar years subsequently:

YEARS.	RECEIPTS.		OFFERINGS.		REJECTIONS.		SALES.	
	Hhds.	Cases.	Hhds.	Cases.	Hhds.	Cases.	Hhds.	Cases.
1877-78. ....	39,022	6,970	51,142	9,171	11,192	2,540	40,140	6,727
1878-79. ....	35,511	4,932	38,999	5,272	6,721	1,598	33,149	3,811
1879-80. ....	43,982	5,363	51,050	7,351	14,241	2,457	37,403	5,162
1880-81. ....	50,964	* .....	67,520	* .....	17,071	* .....	50,631	* .....
1881-82. ....	55,426	8,436	62,017	8,657	16,322	2,162	46,437	6,495
1882-83. ....	56,743	8,000	35,003	7,732	24,116	2,245	58,941	5,682
1883-84. ....	52,280	4,243	69,761	4,513	18,116	868	51,645	3,641
1884-85. ....	62,243	3,497	79,968	3,106	20,549	479	59,419	2,627
1885-86. ....	58,633	* .....	73,234	3,067	19,784	751	53,510	2,316
1886-87. ....	60,769	* .....	76,369	4,440	15,006	915	61,363	3,525
1887-88. ....	34,269	3,801	47,167	4,091	10,936	982	36,231	3,109
1888-89. ....	72,618	3,915	90,246	5,125	26,727	1,435	65,519	3,690
1889-90. ....	75,315	1,950	111,192	3,360	35,619	1,350	75,573	2,110
1890-91. ....	80,803	2,354	118,703	3,396	37,158	2,430	81,565	916
1891-92. ....	84,955	2,530	115,819	3,200	31,659	925	84,160	2,475
1892. ....	84,482	2,700	109,612	* .....	26,539	* .....	83,073	* .....
1893. ....	67,467	3,107	79,984	4,492	22,281	1,952	57,703	2,540
1894. ....	76,625	3,254	104,010	4,685	28,723	1,531	75,287	3,154
1895. ....	80,508	2,487	103,198	3,609	30,517	1,433	72,681	2,176

\* Not reported.

Stocks of Leaf Tobacco in Cincinnati warehouses on January 1, 1896, 1895, 1894 and 1893, and on September 1 of previous years:

PACKAGES.	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886
Hogsheads .....	21,119	19,746	21,838	15,638	22,582	21,732	23,827	27,034	14,080	20,390	19,219
Cases .....	402	358	750	500	339	234	610	390	567	287	427

## MONTHLY TOBACCO MANUFACTURE.

Monthly production of Chewing (fine-cut and plug) and Smoking Tobacco, in this (Hamilton) County, and the tax paid the Government on the same, furnished by JOSEPH H. DOWLING, Collector of Internal Revenue in the First Collection District of Ohio:

MONTHS.	CHEWING (FINE-CUT AND PLUG) TOBACCO.				SMOKING TOBACCO.			
	1895		1894		1895		1894	
	Pounds.	Value of Stamps.	Pounds.	Value of Stamps.	Pounds.	Value of Stamps.	Pounds.	Value of Stamps.
January.....	2,310	\$138 60	1,735	\$104 10	188,190	\$11,291 40	141,461½	\$8,487 69
February.....	1,402	84 12	1,570	94 20	184,342½	11,060 55	120,357½	7,221 45
March.....	1,126	67 56	1,066	63 96	176,480	10,588 80	141,337½	8,480 25
April.....	1,215	72 90	1,420	85 20	206,347½	12,390 85	148,405	8,904 30
May.....	1,820	109 20	1,427	85 62	198,875	11,932 50	141,509½	8,490 57
June.....	1,666	99 96	1,206	72 36	191,170	11,470 20	143,695	8,621 70
July.....	698	41 88	1,206	72 86	230,169½	13,810 17	136,976	8,218 56
August.....	2,528	151 68	3,342	200 52	244,281	14,656 86	156,213	9,372 78
September.....	2,885	173 10	3,237	194 22	242,577½	14,554 65	161,078	9,664 68
October.....	2,304	138 24	2,314	140 64	248,780	14,926 80	138,790	8,327 40
November.....	978	58 68	1,908	114 48	254,880	15,292 80	147,440	8,846 40
December.....	574	34 44	2,461	147 66	247,454½	14,847 27	147,790½	8,867 43
Totals.....	19,506	\$1,170 36	22,922	\$1,375 32	2,613,547½	\$156,812 85	1,725,053½	\$103,503 21

Monthly production of Chewing (fine-cut and plug) and Smoking Tobacco, in Covington and Newport, and the taxes paid on the same, furnished by the Commissioner of Internal Revenue:

MONTHS.	CHEWING AND SMOKING TOBACCO.							
	1895		1894		1893		1892	
	Pounds.	Value of Stamps.	Pounds.	Value of Stamps.	Pounds.	Value of Stamps.	Pounds.	Value of Stamps.
January.....	165,179½	\$9,910 77	164,656½	\$9,879 39	117,842	\$7,070 49	124,951	\$7,497 06
February.....	144,206½	8,652 39	160,719½	9,643 17	148,703	9,922 21	143,506	8,610 39
March.....	154,803	9,288 18	160,952	9,657 12	168,014	10,080 87	195,041	11,702 46
April.....	157,967½	9,478 05	139,546	8,372 76	133,430	8,005 80	228,043	13,682 58
May.....	163,441	9,806 46	139,850½	8,391 03	142,721	8,563 26	101,135	11,468 07
June.....	186,267	8,176 02	155,657	9,339 42	143,783	8,626 95	190,649	11,438 94
July.....	155,378½	9,322 71	141,966½	8,517 99	98,573	5,914 35	153,072	9,184 32
August.....	133,045½	7,982 73	156,168½	9,370 11	95,172	5,710 32	185,978	11,158 41
September.....	124,496½	7,469 79	157,656	9,459 36	130,105	7,806 30	177,473	10,648 38
October.....	139,887	8,393 22	190,976	11,458 56	175,958	10,557 51	202,381	12,142 86
November.....	91,145	5,468 70	154,569½	9,274 17	162,256	9,735 96	164,160	9,849 60
December.....	70,426½	4,225 59	119,996	7,199 76	123,286	7,397 13	111,621	6,697 26
Totals.....	1,636,243½	\$98,174 61	1,842,714	\$110,562 84	1,639,843	\$98,390 55	2,068,005	\$124,080 33

## TOBACCO EXPORTS.

Exports of Leaf Tobacco, representing pounds, in years ending June 30:

1884.....	192,131,000	1887.....	298,667,000	1890.....	244,343,000	1893.....	248,367,000
1885.....	219,221,000	1888.....	249,195,000	1891.....	236,970,000	1894.....	268,791,000
1886.....	281,737,000	1889.....	211,521,000	1892.....	240,716,000	1895.....	293,796,000

## PRODUCTION OF CIGARS.

Monthly production of Cigars in Cincinnati (including Hamilton County, Ohio), and in Covington, Newport, etc., Kentucky, as indicated by taxes paid; also, amount of taxes paid:

MONTHS.	CINCINNATI.				COVINGTON, NEWPORT, ETC.			
	1896		1894		1895		1894	
	Number of Cigars.	Value of Stamps.	Number of Cigars.	Value of Stamps.	Number of Cigars.	Value of Stamps.	Number of Cigars.	Value of Stamps.
January.....	12,361,680	\$37,085 04	10,257,729	\$30,773 16	418,530	\$1,255 59	482,350	\$1,447 05
February.....	10,482,680	31,448 07	10,012,510	\$3,937 53	496,000	1,488 00	354,360	1,063 08
March.....	11,961,000	35,883 00	11,292,680	33,877 98	449,333	1,347 99	474,250	1,422 75
April.....	12,535,180	37,607 79	11,311,320	33,934 56	577,700	1,733 10	451,160	1,353 48
May.....	13,183,680	39,551 07	11,833,400	35,500 20	598,030	1,794 09	556,300	1,668 90
June.....	13,489,380	40,467 99	12,905,680	38,717 04	439,130	1,317 39	507,200	1,521 60
July.....	14,257,130	42,771 39	12,793,100	38,379 30	503,210	1,509 63	586,620	1,759 86
August.....	15,368,380	46,105 17	19,163,300	57,489 90	645,500	1,936 50	591,680	1,775 04
September.....	15,341,160	46,023 48	15,042,910	45,128 73	582,250	1,746 75	663,380	2,080 14
October.....	15,955,750	47,867 25	16,567,070	49,701 21	493,850	1,481 55	585,500	1,786 50
November.....	14,440,220	43,320 66	15,464,210	46,392 63	453,950	1,361 85	491,520	1,474 56
December.....	12,999,210	38,997 68	12,893,130	38,679 39	470,480	1,411 44	773,500	2,320 50
Totals.....	162,376,180	\$487,128 54	159,537,210	\$478,611 68	6,127,963	\$18,383 88	6,567,820	\$19,673 46

NOTE.—During the year ending December 31, 1895, there were made in Cincinnati (including Hamilton County) 7,046,740 Cigarettes, on which \$3,523.37 taxes were paid.

Number of Cigars manufactured in Cincinnati, and Covington, Newport, etc., respectively, and the whole number in each year, for years indicated:

YEARS.	CINCINNATI.	COVINGTON, NEWPORT, ETC.	TOTAL.
1876-77.....	80,399,475	8,392,900	88,792,375
1877-78.....	94,515,600	8,504,675	103,020,275
1878-79.....	89,080,150	8,235,650	97,315,800
1879-80.....	105,822,600	8,658,525	114,481,125
1880-81.....	109,794,150	8,302,950	118,097,100
1881-82.....	115,556,000	9,597,450	125,153,450
1882-83.....	115,937,175	10,334,085	126,271,260
1883-84.....	96,632,750	10,752,000	107,384,750
1884-85.....	73,225,600	7,849,950	81,075,550
1885-86.....	94,110,300	7,019,450	101,129,750
1886-87.....	109,073,650	7,163,450	116,237,100
1887-88.....	113,534,500	6,237,623	119,772,123
1888-89.....	106,609,550	6,892,110	113,501,660
1889-90.....	112,870,000	9,597,367	122,467,367
1890-91.....	124,442,630	6,610,090	131,052,720
1891-92.....	129,135,650	6,558,200	135,693,850
1892.....	134,911,260	6,588,750	141,500,010
1893.....	125,329,970	6,318,050	131,648,020
1894.....	159,537,210	6,557,820	166,095,030
1895.....	162,376,180	6,127,963	168,504,143

## VALUE OF TOBACCO EXPORTS.

Value of Leaf Tobacco exported, in years indicated, ending June 30:

1884.....\$17,405,000	1887.....\$25,638,000	1890.....\$21,479,000	1893.....\$22,293,000
1885.....21,799,000	1888.....21,936,000	1891.....20,711,000	1894.....22,939,000
1886.....26,926,000	1889.....18,901,000	1892.....20,308,000	1895.....25,623,000

## PRODUCTION OF BEER, ETC.

Annual production of Malt Liquors, representing barrels, in Cincinnati, Ohio, and Covington, Newport, etc., Kentucky, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	CINCINNATI.	COVINGTON, ETC.	TOTALS.	YEARS.	CINCINNATI.	COVINGTON, ETC.	TOTALS.
1876-77.....	475,212	38,204	513,416	1886-87.....	1,041,731	83,130	1,124,861
1877-78.....	550,518	44,470	594,988	1887-88.....	1,080,176	86,228	1,166,404
1878-79.....	558,709	47,470	606,449	1888-89.....	1,034,593	86,330	1,120,923
1879-80.....	655,520	52,800	708,320	1889-90.....	1,187,208	100,570	1,287,778
1880-81.....	682,861	53,480	736,341	1890-91.....	1,263,778	115,830	1,379,608
1881-82.....	769,621	57,660	827,281	1891-92.....	1,229,255	121,610	1,350,865
1882-83.....	813,953	60,860	874,813	1892.....	1,249,260	125,070	1,374,330
1883-84.....	850,606	67,040	917,645	1893.....	1,198,736	123,590	1,322,326
1884-85.....	841,822	71,590	913,412	1894.....	1,131,002	129,010	1,260,012
1885-86.....	901,299	77,340	978,639	1895.....	1,198,518	139,810	1,338,328

Monthly sales of Beer Stamps, in Hamilton County, Ohio (Cincinnati), and Covington and Newport, Kentucky, during a period of three years. The tax on each barrel being \$1.00, less  $7\frac{1}{2}$  per cent., these figures will show about the relative monthly and annual production :

MONTHS.	CINCINNATI.			COVINGTON AND NEWPORT.		
	1895	1894	1893	1895	1894	1893
January.....	\$56,573 00	\$65,869 25	\$80,699 00	\$6,678 50	\$7,048 50	\$6,521 25
February.....	61,494 00	55,483 25	68,450 00	6,253 00	6,049 50	6,428 75
March.....	78,218 00	85,016 75	88,901 75	8,852 25	8,399 00	8,676 50
April.....	91,544 25	80,669 25	88,689 00	10,184 25	9,453 50	9,499 75
May.....	111,823 25	100,556 75	111,323 75	13,690 00	10,868 75	11,451 50
June.....	116,355 75	115,773 00	119,634 88	13,773 25	12,783 50	12,348 75
July.....	117,470 37	105,810 75	123,436 63	14,004 50	13,468 00	13,310 75
August.....	133,824 38	116,226 25	124,764 75	15,734 25	13,412 50	11,830 75
September.....	107,696 60	98,804 25	99,715 00	12,737 25	11,719 75	10,698 00
October.....	83,342 50	92,019 00	77,852 63	9,407 25	9,980 75	8,852 25
November.....	77,071 00	59,995 50	70,253 75	8,935 50	7,992 00	7,483 25
December.....	70,216 75	74,952 75	75,119 75	9,074 25	8,158 50	7,224 25
Totals.....	\$1,108,629 85	\$1,046,176 75	\$1,108,830 89	\$129,324 25	\$119,334 25	\$114,320 75

## PRICES OF ALE, BEER AND PORTER.

Relative prices of Ale, Beer and Porter, per barrel, at Cincinnati, at the close of December, in years indicated :

ARTICLES.	1895	1894	1893	1892	1891	1890
Ale.....	\$7 00@8 00	\$7 00@8 00	\$7 00@8 00	\$7 00@8 00	\$7 00@8 00	\$7 00@8 00
Beer, Lager.....	6 00	6 00	6 60	5 00@7 00	5 00@7 00	5 00@7 00
Porter.....	7 00@8 00	7 00@8 00	7 00@8 00	7 00@8 00	7 00@8 00	7 00@8 00

## MOVEMENT OF WHISKY.

Actual monthly receipts and shipments of Whisky, at Cincinnati, including receipts from Petersburg and Carrollton, Kentucky :

MONTHS.	RECEIPTS.			SHIPMENTS.		
	1895	1894	1893	1895	1894	1893
January .....	26,655	30,064	31,154	33,914	38,382	45,735
February .....	20,709	37,041	27,767	28,817	43,752	40,136
March .....	23,575	42,092	29,385	32,239	48,459	36,344
April .....	19,430	32,294	32,175	30,724	38,219	42,388
May .....	19,872	30,722	34,307	28,708	36,887	43,193
June .....	13,571	29,646	30,352	22,140	33,239	38,499
July .....	14,708	46,899	28,244	21,270	53,812	33,824
August .....	20,066	45,421	20,503	28,493	53,999	26,572
September .....	17,916	27,157	27,367	28,341	36,849	34,098
October .....	22,876	16,497	28,140	34,926	28,380	36,157
November .....	22,881	21,558	24,985	37,060	34,528	39,918
December .....	23,150	25,769	25,979	33,646	36,592	30,693

Receipts and shipments of Whisky, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	Receipts, bbls.	Shipm'ts, bbls.	YEARS.	Receipts, bbls.	Shipm'ts, bbls.	YEARS.	Receipts, bbls.	Shipm'ts, bbls.
1866-67 .....	216,384	166,480	1876-77 .....	320,877	300,684	1886-87 .....	187,265	434,960
1867-68 .....	139,896	83,638	1877-78 .....	119,639	351,473	1887-88 .....	227,185	447,162
1868-69 .....	263,524	280,510	1878-79 .....	139,262	397,616	1888-89 .....	268,528	476,469
1869-70 .....	444,291	441,820	1879-80 .....	154,819	456,408	1889-90 .....	245,541	486,258
1870-71 .....	313,072	375,699	1880-81 .....	191,232	469,464	1890-91 .....	292,009	524,126
1871-72 .....	316,041	395,764	1881-82 .....	201,197	474,436	1891-92 .....	314,800	517,925
1872-73 .....	273,848	369,902	1882-83 .....	217,644	465,633	1892 .....	320,724	523,035
1873-74 .....	338,631	335,684	1883-84 .....	272,316	505,309	1893 .....	340,308	463,498
1874-75 .....	305,324	347,423	1884-85 .....	222,414	453,446	1894 .....	385,160	506,183
1875-76 .....	295,012	329,021	1885-86 .....	201,332	446,864	1895 .....	245,394	368,100

NOTE.—From 1877-78 to 1895 the receipts do not include Whisky manufactured in Hamilton County, Covington, etc., which was previously embraced.

Aggregate yearly production and receipts of Whisky, at Cincinnati, stated in gallons, and value of the same, for years indicated :

YEARS.	Made and Received.	Total Value.	YEARS.	Made and Received.	Total Value.
1884-85 .....	21,265,042	\$25,828,807	1890-91 .....	24,478,338	\$29,863,572
1885-86 .....	20,484,420	24,017,436	1891-92 .....	24,796,510	30,878,000
1886-87 .....	19,932,813	23,625,144	1892 .....	25,586,602	31,033,000
1887-88 .....	21,375,182	25,332,764	1893 .....	26,284,220	31,897,000
1888-89 .....	23,619,447	26,734,568	1894 .....	27,863,060	34,360,000
1889-90 .....	23,450,232	26,166,496	1895 .....	20,656,228	25,598,000

Total production of Distilled Spirits in the United States, in gallons :

1883-84 .....	76,531,000	1886-87 .....	79,433,000	1889-90 .....	111,102,000	1892-93 .....	131,010,000
1884-85 .....	76,405,000	1887-88 .....	71,688,000	1890-91 .....	117,767,000	1893-94 .....	92,153,000
1885-86 .....	81,849,000	1888-89 .....	91,133,000	1891-92 .....	118,436,000	1894-95 .....	81,910,000



## PRODUCTION OF DISTILLED SPIRITS.

Statement of actual monthly production of Distilled Spirits, representing proof gallons, in Hamilton County, Ohio (Cincinnati), and Covington, Newport, etc., Kentucky, in three years, ending December 31:

MONTHS.	DISTILLED SPIRITS PRODUCED.					
	HAMILTON COUNTY, OHIO (CINCINNATI).			COVINGTON, NEWPORT, ETC.		
	1895	1894	1893	1895	1894	1893
January .....	721,926.20	853,641.00	972,468.84	445,181.38	349,800.87	508,789.14
February .....	756,149.70	740,467.00	689,064.50	391,274.90	332,959.46	436,817.15
March .....	774,403.70	990,776.00	576,621.08	454,347.48	393,168.03	497,611.00
April .....	802,304.00	741,798.00	548,428.30	418,597.88	397,411.79	464,419.71
May .....	670,025.00	638,042.00	545,987.05	422,902.09	430,852.74	482,217.63
June .....	388,091.20	681,595.00	446,319.43	35,535.90	51,498.17	323,660.68
July .....	454,832.80	520,480.00	283,411.77	.....	.....	.....
August .....	361,829.70	591,969.00	312,907.16	.....	.....	.....
September .....	286,838.30	249,909.50	312,936.81	.....	.....	.....
October .....	384,258.30	309,544.40	479,445.80	.....	.....	.....
November .....	418,061.60	280,695.20	952,526.09	50,822.48	123,292.12	.....
December .....	425,938.10	374,892.30	846,049.04	214,475.89	322,587.88	229,755.49
Totals .....	6,444,678.60	6,973,809.40	7,006,165.87	2,432,638.00	2,401,571.06	2,943,270.80

## PRODUCTION OF RECTIFIED SPIRITS.

Statement of actual monthly production of Rectified Spirits, representing proof gallons, at Cincinnati, Covington and Newport, in three years, ending December 31:

MONTHS.	RECTIFIED SPIRITS PRODUCED.					
	CINCINNATI.			COVINGTON AND NEWPORT.		
	1895	1894	1893	1895	1894	1893
January .....	604,209.48	698,474.93	708,416.05	153,624.68	170,699.73	209,162
February .....	584,918.40	707,664.98	659,298.11	170,296.35	203,212.82	224,572
March .....	545,835.40	743,055.83	719,305.28	162,861.32	216,110.56	211,962
April .....	570,570.00	601,143.07	587,910.30	158,809.12	129,089.42	199,360
May .....	561,697.22	552,405.08	575,907.27	145,647.63	122,298.22	182,952
June .....	458,184.29	578,840.30	517,270.67	138,358.21	141,946.30	152,841
July .....	461,633.87	947,085.47	405,656.60	138,163.16	192,953.67	149,987
August .....	606,697.88	809,581.54	393,205.11	150,364.66	177,872.77	137,408
September .....	673,321.69	480,078.48	537,403.63	146,909.38	131,800.73	197,384
October .....	840,306.91	627,994.88	710,121.44	198,617.49	127,103.13	252,022
November .....	932,707.17	628,975.94	740,680.30	219,477.33	142,942.39	281,893
December .....	840,837.48	664,568.51	712,631.50	207,724.59	159,581.28	267,900
Totals .....	7,681,119.79	8,039,869.01	7,267,806.26	1,990,353.92	1,915,611.02	2,467,443

## COMPARATIVE PRODUCTION OF SPIRITS.

Production of Distilled Spirits, representing proof gallons, at Cincinnati and immediate vicinity :

YEARS.	CINCINNATI.	COVINGTON, NEWPORT, ETC.	TOTAL.
1880-81.....	12,376,915.68	3,430,963.15	15,807,898.83
1881-82.....	11,207,820.77	3,908,772.98	15,116,593.75
1882-83.....	10,411,089.95	2,223,461.09	12,634,551.04
1883-84.....	9,904,116.68	2,069,585.09	11,963,701.77
1884-85.....	8,267,718.03	3,029,980.42	11,297,698.45
1885-86.....	8,259,910.60	3,317,236.84	11,577,147.44
1886-87.....	7,309,820.64	4,335,617.22	11,645,437.86
1887-88.....	7,463,101.69	3,681,006.23	11,144,107.92
1888-89.....	7,387,300.21	3,328,387.46	10,715,687.67
1889-90.....	7,827,277.70	3,753,610.13	11,580,887.83
1890-91.....	7,824,706.39	2,637,200.83	10,461,906.22
1891-92.....	6,815,790.29	2,870,320.60	9,686,110.89
1892.....	6,861,346.52	3,330,503.40	10,191,849.92
1893.....	7,006,165.87	2,943,270.80	9,949,436.67
1894.....	6,973,809.40	2,401,571.06	9,375,380.46
1895.....	6,444,678.60	2,432,638.00	8,877,316.60

## INTERNAL REVENUE COLLECTIONS.

Collections of Internal Revenue from all sources, at Cincinnati, for calendar years 1895, 1894 and 1893, and commercial years previously :

SOURCES.	1895	1894	1893	1891-92	1890-91	1889-90
<b>DISTILLED SPIRITS.</b>						
Tax on Spirits.....	\$5,823,076 05	\$6,304,276 90	\$6,170,860 30	\$5,918,149 20	\$7,225,947 00	\$6,945,780 90
Export Stamps.....	33 60	26 30	8 20	.....	31 20	36 30
Totals.....	\$5,823,109 65	\$6,304,303 20	\$6,170,868 50	\$5,918,149 20	\$7,225,978 20	\$6,945,817 2
<b>BEER.</b>						
Tax on Beer (less 7½ per cent. discount allowed for sour Beer) at \$1.00 per bbl.....	\$1,106,629 85	\$1,046,176 75	\$1,108,830 89	\$1,137,060 89	\$1,168,965 13	\$1,098,167 90
<b>TOBACCO, CIGARS AND SNUFF.</b>						
Tax on Smoking and Chewing Tobacco, Cigars and Snuff.....	\$649,475 48	\$587,202 08	\$458,514 32	\$455,896 64	\$441,553 96	\$419,265 04
<b>SPECIAL TAXES (LICENSES), ETC.</b>						
Rectifiers.....	\$11,100 00	11,550 00	\$10,533 34	\$10,825 00	\$12,341 66	\$9,966 66
Wholesale Liquor Dealers.....	18,850 53	19,133 34	17,893 33	17,508 34	19,841 66	18,488 00
Retail Liquor Dealers.....	95,749 53	97,535 45	100,190 86	100,127 08	109,295 84	96,218 75
Brewers.....	4,075 00	3,625 84	3,850 00	3,516 66	3,875 00	4,054 18
Still or Worms for distilling, manufactured.....	300 00	840 00	1,160 00	820 00	480 00	540 00
Manufacturers of Stills.....	112 50	175 00	100 00	200 00	204 16	75 00
Manufacturers of Cigars and Tobacco, dealers in Manu- factured and Leaf Tobacco and peddlers of Tobacco.....	.....	.....	.....	.....	5,404 57	27,235 07
Dealers in Oleomargarine.....	7,716 00	8,084 00	9,752 00	3,336 00	7,260 00	3,032 00
Dealers in Malt Liquors.....	3,623 80	2,996 66	3,888 33	3,789 17	.....	.....
Totals.....	\$141,527 36	\$143,940 29	\$146,867 86	\$140,072 25	\$158,702 89	\$159,609 66
<b>OTHER SOURCES.</b>						
Tax collected from other sources.....	\$95,509 19	\$9,042 63	\$743 45	\$3,423 09	\$1,251 09	\$1,771 73
Tax, all sources.....	\$7,818,251 53	\$8,090,664 95	\$7,885,825 02	\$7,654,602 07	\$8,996,481 27	\$8,624,631 53

NOTE.—Tax on Spirits 90 cents per gallon previous to August 28, 1894; \$1.10 subsequently.

## CHANGES IN PRICES OF SPIRITS.

Changes in basis price of Spirits, per proof gallon, 1887 to 1895, inclusive, and of Highwines, at Cincinnati, previously :

1881		1881—Con.		1884		1890	
January	19.....\$1 08	November	26.....\$1 14	January	4.....\$1 14	May	24.....\$1 09
	24..... 1 07		28..... 1 15	February	20..... 1 15	July	12..... 1 10
	26..... 1 06			April	18..... 1 12		28..... 1 11
	28..... 1 05				19..... 1 05		29..... 1 12
February	1..... 1 06	January	12..... 1 16	May	22..... 1 01	August	7..... 1 13
	17..... 1 05		30..... 1 17		23..... 1 08	October	21..... 1 14
	19..... 1 04	February	16..... 1 16	June	2..... 1 07		
	23..... 1 06	April	1..... 1 06		3..... 1 11	1891	
	24..... 1 07	May	1..... 1 18		6..... 1 08	March	11..... 1 15
March	2..... 1 08		6..... 1 16		7..... 1 07		13..... 1 16
	8..... 1 07		8..... 1 15		18..... 1 08	April	17..... 1 18
	9..... 1 06		9..... 1 12		19..... 1 07		27..... 1 17
	11..... 1 05		12..... 1 14	July	7..... 1 08	May	19..... 1 16
	14..... 1 06		13..... 1 16		9..... 1 07	July	28..... 1 17
	17..... 1 05		16..... 1 14		26..... 1 05	August	18..... 1 18
	19..... 1 04		25..... 1 15		28..... 1 06		
	21..... 1 05		31..... 1 16	August	6..... 1 07	1892	
	24..... 1 06	June	3..... 1 15	September	1..... 1 10	January	21..... 1 16
April	6..... 1 05		5..... 1 13		10..... 1 11	February	3..... 1 14
	7..... 1 04		9..... 1 14			March	9..... 1 13
	9..... 1 05		10..... 1 15			May	9..... 1 14
	13..... 1 06		12..... 1 14				21..... 1 15
	18..... 1 05		17..... 1 12	1885		June	6..... 1 16
	21..... 1 03		20..... 1 11	January	24..... 1 13		17..... 1 15
	22..... 1 05		21..... 1 12	September	9..... 1 04	December	6..... 1 20
May	2..... 1 04		22..... 1 13		10..... 1 06		9..... 1 25
	6..... 1 05		24..... 1 12		18..... 1 03		15..... 1 30
	9..... 1 06		27..... 1 13		22..... 1 04	1893	
	14..... 1 05		30..... 1 12		23..... 1 03	January	10..... 1 35
	16..... 1 04	July	8..... 1 13		24..... 1 05		30..... 1 17
	25..... 1 05		11..... 1 14		26..... 1 04	April	3..... 1 15
June	6..... 1 06		18..... 1 15		28..... 1 05		15..... 1 14
	21..... 1 07		21..... 1 16	October	21..... 1 07	May	27..... 1 13
	24..... 1 08		31..... 1 15		30..... 1 09	October	16..... 1 12
July	21..... 1 07	August	2..... 1 14	December	18..... 1 10		13..... 1 14
	25..... 1 09		5..... 1 13				28..... 1 15
	29..... 1 07		8..... 1 14	1886		1894	
	30..... 1 08		9..... 1 15	July	2..... 1 08	July	2..... 1 18
August	8..... 1 09		10..... 1 16	August	10..... 1 07		6..... 1 20
	9..... 1 10		17..... 1 17		31..... 1 10		12..... 1 22
	15..... 1 12		31..... 1 18	September	7..... 1 10	August	14..... 1 25
	16..... 1 14	September	7..... 1 16		22..... 1 12		16..... 1 28
	17..... 1 15	October	7..... 1 15	October	1..... 1 13		27..... 1 33
	27..... 1 14		11..... 1 16			October	4..... 1 23
September	10..... 1 13		12..... 1 17	1887		December	26..... 1 22
	12..... 1 12½	November	2..... 1 13			1895	
	14..... 1 13		3..... 1 12	January	5..... 1 05	February	23..... 1 25
	15..... 1 14		6..... 1 13			April	9..... 1 23
	15..... 1 14		7..... 1 14	1888			10..... 1 22
	24..... 1 15		22..... 1 15	January	25..... 1 08		15..... 1 21
October	14..... 1 14	December	8..... 1 14	February	4..... 1 09		18..... 1 20
	15..... 1 13		9..... 1 13	May	8..... 1 11	May	6..... 1 22
	28..... 1 12		11..... 1 10		11..... 1 12		13..... 1 23
	29..... 1 11		18..... 1 12	May	19..... 1 13		24..... 1 24
November	3..... 1 12		20..... 1 13	June	2..... 1 14	June	3..... 1 25
	5..... 1 11	1883		December	29..... 1 03		21..... 1 24
	7..... 1 10	February	19..... 1 14	1889		July	13..... 1 23
	8..... 1 09	March	27..... 1 12				26..... 1 22
	10..... 1 08		30..... 1 13	April	20..... 1 02		
	15..... 1 10						
November	19..... 1 11						
	21..... 1 12						
	22..... 1 13						

## REVENUE FROM SPIRITS.

United States Internal Revenue from Spirits, for years ending June 30:

1880.....\$61,185,000	1884.....\$76,905,000	1888.....\$69,287,000	1892.....\$91,310,000
1881..... 67,154,000	1885..... 67,511,000	1889..... 74,303,000	1893..... 94,713,000
1882..... 69,873,000	1886..... 69,092,000	1890..... 81,683,000	1894..... 85,259,000
1883..... 74,368,000	1887..... 66,766,000	1891..... 88,336,000	1895..... 79,863,000

## ANNUAL PRICES OF SPIRITS.

Average annual prices of Proof Spirits, per gallon, at Cincinnati, as indicated :

1860-61.....\$0 14.40	1869-70.....\$0 98.50	1878-79.....\$1 03.50	1887-88.....\$1 08.85
1861-62.....18.25	1870-71.....87.25	1879-80.....1 06.43	1888-89.....1 06.21
1862-63.....37.60	1871-72.....87.62	1880-81.....1 08.06	1889-90.....1 04.30
1863-64.....1 02.50	1872-73.....88.75	1881-82.....1 14.97	1890-91.....1 15.05
1864-65.....2 01.00	1873-74.....92.80	1882-83.....1 13.80	1891-92.....1 15.77
1865-66.....2 24.50	1874-75.....1 04.40	1883-84.....1 11.72	1892.....1 15.68
1866-67 (in bond)....29.50	1875-76.....1 09.00	1884-85.....1 11.94	1893.....1 15.37
1867-68.....nominal	1876-77.....1 06.60	1885-86.....1 08.35	1894.....1 19.88
1868-69.....1 01.00	1877-78.....1 04.40	1886-87.....1 10.17	1895.....1 22.50

NOTE.—In order to understand these averages, with the great disparity which is apparent, it must be remembered that, from September, 1862, to the present time, internal revenue taxes have been imposed by the General Government, ranging from twenty cents to two dollars per gallon. By an act of Congress of July 20, 1868, the tax was reduced from two dollars per gallon to fifty cents. Additional charges were provided for by the act for the reduction of the gallon tax, which, according to figures heretofore given, made the whole tax on a gallon of whisky here about 63.47 cents. The law was again changed, so that on and after August 1, 1872, there was a uniform tax of seventy cents per gallon, which was all the tax that was imposed, excepting a stamp of the denomination of ten cents, which had to be placed on each barrel when gauged. On March 4, 1875, a new act went into operation, changing the uniform tax from seventy to ninety cents per gallon, and making it necessary, as before, to have a stamp of the denomination of ten cents on each barrel, the barrel tax of ten cents having continued until May 28, 1880, when it was abolished.

## PRICES OF LUMBER.

Prices of Hard Lumber, per 1,000 feet, at Cincinnati, at the close of December, 1895, 1894 and 1893, and at the close of August for previous years indicated :

KINDS.	1895	1894	1893	1892	1891	1890	1889
Ash.....	\$28 00@30 00	\$25 00@30 00	\$25 00@30 00	\$25 00@30 00	\$20 00@30 00	\$15 00@30 00	\$15 00@30 00
Cherry.....	50 00@90 00	30 00@90 00	30 00@90 00	30 00@90 00	25 00@80 00	20 00@80 00	20 00@80 00
Elm.....	10 00@16 00	10 00@16 00	10 00@16 00	10 00@16 00	12 00@20 00	12 00@20 00	12 00@20 00
Gum.....	15 00@20 00	10 00@20 00	10 00@20 00	10 00@20 00	12 00@22 00	12 00@22 00	12 00@22 00
Hickory.....	28 00@30 00	25 00@30 00	25 00@30 00	25 00@30 00	20 00@30 00	12 00@25 00	12 00@25 00
Oak, plain.....	18 00@25 00	16 00@25 00	16 00@25 00	16 00@25 00	16 00@25 00	12 00@25 00	12 00@25 00
Oak, quartered.....	32 00@40 00	22 00@45 00	22 00@45 00	20 00@45 00	20 00@45 00	20 00@40 00	20 00@40 00
Poplar.....	16 00@27 00	16 00@30 00	16 00@30 00	12 00@27 00	12 00@27 00	12 00@27 00	12 00@27 00
Sycamore.....	16 00@20 00	10 00@20 00	10 00@20 00	16 00@20 00	12 00@18 00	12 00@18 00	12 00@18 00
Walnut.....	35 00@90 00	35 00@90 00	35 00@90 00	35 00@90 00	30 00@90 00	25 00@90 00	25 00@90 00

Prices of the various grades of White and Yellow Pine Lumber, per 1,000 feet, large lots, at Cincinnati, at the close of December, as indicated :

KINDS.	1895	1894	KINDS.	1895	1894
<i>White Pine—</i>			<i>Yellow Pine, flooring—</i>		
First and second clear.....	\$52 50	\$52 50	First and second clear.....	\$22 00	\$25 00
Third clear.....	47 50	47 50	First standard.....	20 00	22 50
Selects.....	45 00	45 00	Second standard.....	17 00	18 00
First common.....	42 50	42 50	Common.....	15 00	16 00
Second common.....	37 50	37 50			
Shop.....	35 00	35 00	<i>Shingles—</i>		
Third common.....	18 00	20 00	XXXX Pine, 18 inches.....	3 75	4 00
Fourth common.....	16 00	18 00	Clear butt pine.....	2 75	3 00
Boxing.....	13 00	13 00	Cypress.....	3 50	4 00
Piece stuff, No. 1.....	14 00	16 50	Prime.....	3 00	3 50

## PEANUT TRADE STATISTICS.

Monthly range of prices of White Tennessee Peanuts (prime to choice), per pound, farmers' stock, at Cincinnati, in years ending September 30:

MONTHS.	1895	1894	1893	MONTHS.	1895	1894	1893
January.....	2 @2¼	2½@3	2¼@3¼	July.....	2½@3	2¼@3	4 @4¼
February.....	2 @2¼	2¼@3	2¼@3¼	August.....	2½@3	2¼@3	3½@4¼
March.....	2 @2¼	2¼@3¼	3 @4	September.....	2¼@3	2¼@3¼	3 @3½
April.....	2 @2¼	2¼@3	4¼@5¼	October.....	2¼@4	2¼@3¼	3 @3½
May.....	2 @2¼	2¼@3	5 @5½	November.....	3¼@4	2 @2¼	3 @3½
June.....	2¼@3	2¼@2¼	4 @5½	December.....	3¼@4	2 @2¼	2¼@3¼

Yearly stocks, movement and consumption of Peanuts, at Cincinnati, for years ending September 30:

STATEMENT.	1894-95	1893-94	1892-93	1891-92	1890-91	1889-90
Stock on hand October 1.....	190,000	225,000	305,000	301,000	5,000	83,000
Receipts.....	399,000	305,000	395,000	462,000	742,000	257,000
Shipments.....	317,000	255,000	355,000	352,000	380,000	300,000
Consumption.....	157,000	85,000	120,000	106,000	66,000	35,000
Stock on hand Sept. 30, 1895...	115,000	.....	.....	.....	.....	.....

## PRICES OF TANNERS' BARK.

Lowest and highest prices of Tanners' Bark, per cord, at Cincinnati:

YEARS.	Lowest.	Highest.	YEARS.	Lowest.	Highest.	YEARS.	Lowest.	Highest.
1869-70.....	\$14 50	\$17 00	1878-79.....	\$9 75	\$13 00	1887-88.....	\$10 00	\$14 50
1870-71.....	12 00	16 00	1879-80.....	9 00	19 00	1888-89.....	10 00	12 00
1871-72.....	12 00	18 00	1880-81.....	15 00	23 00	1889-90.....	12 00	15 00
1872-73.....	15 00	27 50	1881-82.....	12 00	15 00	1890-91.....	10 00	14 00
1873-74.....	12 00	16 00	1882-83.....	14 00	15 00	1891-92.....	10 00	11 00
1874-75.....	12 00	16 00	1883-84.....	11 00	16 00	1892.....	10 00	12 50
1875-76.....	11 00	15 50	1884-85.....	9 25	13 00	1893.....	9 00	14 00
1876-77.....	11 00	25 00	1885-86.....	9 50	14 50	1894.....	9 00	11 00
1877-78.....	8 50	14 50	1886-87.....	11 00	14 00	1895.....	8 00	12 00

NOTE.—The average price in 1893 was \$11.15; in 1894, \$10.15; in 1895, \$9.50 per cord, on arrival.

## PRICES OF PAPER.

Wholesale quotations for Paper, per pound, in large lots, at Cincinnati, at the close of December, for two years:

KINDS.	1895	1894	KINDS.	1895	1894
Book, sized and super calendered	4¾@5½	5¼@6	Wrapping, rag.....	1½@ 2	1½@ 2
Book, sized and calendered.....	4 @4½	4½@5	Wrapping, straw.....	1½@ 1¾	1½@ 1¾
Book, No. 3.....	3¾@4¼	4¼@4¾	Writing, fine.....	8 @12	9 @12
Manilla, No. 1.....	4 @5	4½@5½	Writing, superfine.....	14 @16	14 @16
Manilla, No. 2.....	2½@2¾	2½@3	Writing, manilla.....	4¼@ 5	4½@ 5¼
News, print.....	2½@2¾	2½@3			

## BANKING CAPITAL.

Total capital of National and Private Banks, respectively, in the city of Cincinnati, on the first day of January, in years indicated :

	1896	1895	1894	1893	1892	1891	1890
Total National Banks.....	\$8,400,000	\$8,400,000	\$9,100,000	\$9,100,000	\$9,100,000	\$8,900,000	\$8,900,000
Total Private Banks.....	590,000	918,000	918,000	818,000	818,000	818,000	818,000
Grand Totals.....	\$8,990,000	\$9,318,000	\$10,018,000	\$9,918,000	\$9,918,000	\$9,718,000	\$9,718,000

Statement showing the Banking Capital of the cities of Cincinnati, Covington, and Newport, January 1, 1896:

CINCINNATI.		COVINGTON.	
First National Bank.....	\$1,200,000	Northern Bank of Kentucky....	\$650,000
Second National Bank.....	200,000	First National Bank.....	600,000
Third National Bank.....	1,200,000	Farmers and Traders National	
Fourth National Bank.....	500,000	Bank.....	300,000
Merchants National Bank.....	1,000,000	German National Bank.....	350,000
National Lafayette Bank.....	600,000	Citizens National Bank.....	200,000
Citizens National Bank.....	1,000,000		\$2,100,000
Ohio Valley National Bank.....	700,000		
German National Bank.....	500,000		
Franklin Bank.....	240,000		
Western German Bank.....	200,000		
S. Kuhn & Sons.....	50,000		
Fifth National Bank.....	500,000		
Equitable National Bank.....	350,000		
Atlas National Bank.....	400,000		
Market National Bank.....	250,000		
City Hall Bank.....	100,000		
	\$8,990,000		

  

NEWPORT.	
First National Bank.....	\$200,000
German National Bank.....	100,000
Newport National Bank.....	100,000
	\$400,000
Grand Total.....	\$11,490,000

## CINCINNATI CLEARING-HOUSE RETURNS.

Monthly clearings at the Cincinnati Clearing-House, prepared by WILLIAM D. DUBLE, Manager, the figures representing the actual exchanges brought to the Clearing-House, for years indicated :

MONTHS.	1895	1894	1893	1892	1891	1890
January.....	\$60,012,800	\$56,230,600	\$68,700,600	\$63,319,000	\$58,634,800	\$57,029,600
February.....	47,056,750	47,912,500	61,356,650	60,906,650	50,906,900	47,125,100
March.....	49,992,450	49,712,800	62,195,600	58,416,950	53,469,700	51,781,900
April.....	56,634,550	54,159,400	59,143,050	58,972,200	54,825,850	52,807,250
May.....	57,257,050	55,186,250	59,764,450	60,998,700	53,626,800	55,288,200
June.....	57,626,850	53,934,650	53,575,950	66,417,350	57,266,000	53,050,550
July.....	58,742,400	56,657,750	46,811,800	59,829,650	55,561,150	52,178,100
August.....	48,854,650	53,141,850	32,847,300	56,252,700	48,099,300	48,470,450
September.....	47,408,050	46,863,850	41,408,550	62,429,150	54,657,250	53,099,150
October.....	57,516,550	56,160,950	50,619,900	72,132,800	60,666,500	59,381,150
November.....	55,119,600	55,980,000	50,997,150	65,461,700	58,358,600	54,228,800
December.....	55,062,350	57,502,000	54,948,600	65,632,550	62,143,900	56,139,200
Totals.....	\$651,284,050	\$643,441,600	\$642,369,600	\$750,789,400	\$668,216,750	\$640,579,450

## CINCINNATI PROPERTY VALUATION AND TAXATION.

Valuation of Real and Personal Property, Rate of Taxation and Amount of Tax Revenues, of Cincinnati, for forty-two years:

YEARS.	Real Estate.	Personalty.	Amount of Levy.	Amount of Revenue.	YEARS.	Real Estate.	Personalty.	Amount of Levy.	Amount of Revenue.
1854.....	\$58,135,436	\$28,914,269	1.68	\$1,358,082 00	1875.....	\$125,976,835	\$58,521,730	2.482	\$4,579,254 00
1855.....	60,335,932	24,994,948	1.48	1,262,897 00	1876.....	127,143,900	56,809,066	2.704	4,976,616 00
1856.....	60,701,267	20,795,203	1.35	1,116,927 00	1877.....	128,820,270	50,609,872	2.91	5,250,537 39
1857.....	61,340,971	25,104,120	1.50	1,290,676 00	1878.....	129,043,880	43,830,188	2.854	4,933,825 00
1858.....	62,681,602	26,051,151	1.66	1,422,963 00	1879.....	128,473,130	40,832,505	2.898	4,908,095 00
1859.....	63,746,316	29,292,789	1.64	1,584,110 00	1880.....	129,956,980	37,578,376	3.10	5,193,596 08
1860.....	61,428,917	30,532,458	1.74	1,666,231 00	1881.....	120,045,230	41,359,163	2.22	3,583,177 34
1861.....	62,077,837	30,813,411	1.925	1,833,954 00	1882.....	121,897,090	45,089,015	2.38	3,977,608 90
1862.....	63,503,296	29,707,861	1.76	1,647,513 00	1883.....	122,874,790	46,859,127	2.05	3,456,115 72
1863.....	64,441,532	35,932,561	1.826	1,826,808 00	1884.....	124,625,370	44,908,822	2.556	4,333,293 94
1864.....	65,585,774	47,809,674	2.02	2,290,586 00	1885.....	127,454,100	42,632,868	2.686	4,568,535 96
1865.....	67,610,611	63,135,382	2.29	2,994,083 00	1886.....	129,378,370	42,571,661	2.544	4,374,408 79
1866.....	66,454,662	67,218,101	2.16	2,887,331 00	1887.....	130,730,870	43,806,977	2.768	4,831,207 60
1867.....	68,569,040	68,412,285	2.74	3,753,288 00	1888.....	133,279,580	41,499,930	2.702	4,722,542 36
1868.....	69,799,604	61,583,925	2.80	3,678,738 00	1889.....	134,872,270	39,964,970	2.680	4,685,638 03
1869.....	72,243,844	58,471,666	3.19	4,169,824 00	1890.....	137,121,460	40,651,780	2.666	4,739,434 58
1870.....	78,736,482	57,370,754	3.16	4,300,988 00	1891.....	142,160,280	42,832,840	2.840	5,254,040 33
1871.....	123,427,888	56,934,044	2.22	4,004,034 00	1892.....	144,208,810	44,735,670	2.740	5,177,078 75
1872.....	119,621,886	55,462,410	2.01	3,519,194 00	1893.....	144,424,970	44,326,380	2.724	5,141,586 77
1873.....	121,479,280	64,166,460	2.306	4,280,990 00	1894.....	146,052,770	42,076,770	2.832	5,327,828 57
1874.....	123,231,790	58,718,284	2.338	4,253,992 00	1895.....	147,926,860	40,538,020	2.814	5,303,401 72

## FREIGHT RATES ON MEATS.

Average monthly and yearly schedule of Freight Rates, by rail, on Meats packed, per 100 pounds, from Cincinnati to New York, for years indicated:

YEARS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1869.....	75	66 $\frac{1}{4}$	55	50	50	50	50	50	55	55	58 $\frac{3}{4}$	57	56
1870.....	50	50	50	50	50	45	45	45	50	50	51	55	50.08
1871.....	55	55	50 $\frac{3}{4}$	45	45	41 $\frac{1}{2}$	42 $\frac{1}{2}$	45	46	52.4	59 $\frac{7}{8}$	60	49.81
1872.....	60	60	60	55	55	52 $\frac{3}{4}$	45	45	51.6	57.4	60	60	55.15
1873.....	60	60	60	60	57.4	50	40	48	46	47 $\frac{3}{4}$	47 $\frac{1}{2}$	48 $\frac{1}{2}$	52.93
1874.....	50	49 $\frac{1}{4}$	45	35	36 $\frac{1}{2}$	30	40	40	40	38 $\frac{3}{4}$	37 $\frac{1}{2}$	35 $\frac{1}{2}$	40.57
1875.....	33	33	33	33	33	25	25	25	25	25	33	33	30.41
1876.....	42	42	40 $\frac{1}{2}$	33 $\frac{3}{4}$	25	25	25	25	25	25	25	25	30
1877.....	42	37 $\frac{1}{8}$	33	29.4	25	25	33	29	29	30 $\frac{1}{2}$	33	33	31.93
1878.....	33	33	33	28.2	25	24	21	20 $\frac{3}{4}$	28 $\frac{3}{4}$	28 $\frac{3}{4}$	29 $\frac{3}{4}$	33	27.48
1879.....	33	30.4	26 $\frac{1}{2}$	21	21	18 $\frac{1}{4}$	21 $\frac{3}{4}$	26 $\frac{3}{4}$	30 $\frac{3}{4}$	33 $\frac{1}{4}$	31 $\frac{1}{4}$	33	28.19
1880.....	39	39	39	34 $\frac{1}{2}$	30 $\frac{1}{2}$	30 $\frac{1}{2}$	30 $\frac{1}{2}$	30 $\frac{1}{2}$	30 $\frac{1}{2}$	30 $\frac{1}{2}$	31 $\frac{1}{2}$	35	33.41
1881.....	35	35	35	30 $\frac{1}{2}$	30 $\frac{1}{2}$	25 $\frac{3}{4}$	21 $\frac{3}{4}$	21 $\frac{3}{4}$	21 $\frac{3}{4}$	21 $\frac{3}{4}$	21 $\frac{3}{4}$	21 $\frac{3}{4}$	26.73
1882.....	30 $\frac{1}{2}$	30 $\frac{1}{2}$	30 $\frac{1}{2}$	29 $\frac{1}{4}$	26	26	26	26	26	26	26	26	25.85
1883.....	30 $\frac{1}{2}$	30 $\frac{1}{2}$	30 $\frac{1}{2}$	17 $\frac{3}{4}$	17 $\frac{3}{4}$	18.4	23	26	26	26	26 $\frac{3}{4}$	30 $\frac{1}{2}$	27.83
1884.....	24.4	21 $\frac{1}{2}$	20	20.6	15 $\frac{1}{4}$	17 $\frac{1}{2}$	21 $\frac{1}{2}$	21 $\frac{1}{2}$	21 $\frac{1}{2}$	21 $\frac{1}{2}$	22.8	26	24.22
1885.....	26	26	26	26	26	26	26	26	26	26	26	26	21.10
1886.....	26	26	26	26	26	26	26	26	26	26	26	26	26.14
1887.....	26	26	26	26	26	26	26	26	26	26	26	26	27.12
1888.....	28	28	26.3	26	26	26	19.9	17.3	15 $\frac{1}{2}$	18.8	21 $\frac{1}{2}$	23.6	23.11
1889.....	26	26	26	26	26	26	26	26	26	26	26	26	26
1890.....	26	26	26	26	26	26	26	24.8	20	20	20	20	23.89
1891.....	20	24.3	26	26	26	26	26	26	26	26	26	26	25.36
1892.....	26	26	26	26	26	25.7	21.5	21.5	21.5	21.5	21.5	21.5	23.7
1893.....	21 $\frac{3}{4}$	23 $\frac{3}{4}$	26	26	26	26	26	26	26	26	26	26	25.43
1894.....	26	26	26	26	26	26	26	26	26	26	26	26	26
1895.....	26	26	26	26	26	26	26	26	26	26	26	26	26

## WEEKLY EXPORTS OF HOG PRODUCT.

Weekly exports of Hog Product from seven Atlantic seaboard ports, as reported by J. C. BROWN, Statistician, New York Produce Exchange:

DATES.	1895			1894		
	Pork, bbls.	Lard, lbs.	Meats, lbs.	Pork, bbls.	Lard, lbs.	Meats, lbs.
January 5.....	6,407	10,057,680	9,979,205	3,884	10,719,340	12,294,262
12.....	7,352	11,349,429	9,618,843	5,942	11,979,065	12,306,860
19.....	3,744	12,312,965	13,120,405	4,623	8,023,730	12,072,628
26.....	6,218	10,317,507	12,581,637	4,818	9,001,610	13,106,050
February 2.....	5,831	14,246,428	11,147,989	3,270	12,568,238	7,743,585
9.....	4,631	11,089,683	13,212,834	7,420	9,271,030	9,975,775
16.....	5,444	11,053,238	12,115,160	4,516	6,948,761	7,690,275
23.....	4,399	10,053,712	11,438,880	5,635	11,950,872	10,050,375
March 2.....	10,553	17,021,341	18,358,348	9,442	8,308,885	9,619,720
9.....	4,843	9,196,160	10,932,475	7,637	10,723,412	11,697,355
16.....	6,929	12,345,554	11,908,055	7,757	12,269,703	12,431,873
23.....	5,785	11,786,693	11,865,650	6,486	8,697,227	8,957,700
30.....	4,614	10,376,558	15,646,435	6,350	11,292,720	12,454,411
April 6.....	8,322	11,035,507	13,767,802	6,852	10,290,651	10,294,319
13.....	4,810	7,999,924	9,864,958	6,693	10,368,303	11,602,994
20.....	6,009	9,417,425	12,722,350	9,259	10,048,607	9,198,420
27.....	8,212	8,224,081	13,832,912	4,067	9,245,226	9,314,070
May 4.....	6,321	5,478,975	9,656,552	5,037	11,616,756	13,040,785
11.....	4,147	6,761,360	12,791,520	4,729	7,986,976	9,273,530
18.....	8,472	7,484,758	7,896,112	5,172	5,160,416	10,096,765
25.....	2,585	7,077,914	9,205,376	2,721	8,039,560	9,011,800
June 1.....	4,008	7,267,166	6,632,720	4,616	6,273,895	10,005,698
8.....	5,309	8,477,858	6,118,137	6,094	7,264,548	7,453,775
15.....	3,025	6,061,801	7,928,818	3,970	9,066,010	9,270,975
22.....	5,436	9,939,704	18,595,398	2,334	11,473,848	8,005,975
29.....	3,563	7,905,999	9,717,420	4,222	10,632,885	13,919,850
July 6.....	4,832	9,398,454	17,119,347	5,107	6,645,959	9,308,559
13.....	4,405	8,790,904	10,399,500	4,227	9,404,931	6,628,520
20.....	2,830	8,815,997	14,314,255	3,091	6,551,480	12,682,150
27.....	5,944	8,236,015	9,296,823	3,317	8,677,625	16,902,625
August 3.....	4,338	8,188,002	14,283,075	3,366	6,830,213	11,693,105
10.....	6,377	4,535,315	6,326,953	4,371	11,905,072	11,156,245
17.....	4,978	7,568,074	11,665,455	4,612	7,952,152	11,009,525
24.....	2,635	7,504,560	9,812,563	3,847	8,490,605	11,898,875
31.....	6,643	8,834,583	11,059,522	3,483	11,658,594	13,386,850
September 7.....	5,740	10,262,084	9,532,577	3,738	8,166,015	11,365,475
14.....	5,554	9,458,145	7,236,125	6,607	9,028,695	13,699,725
21.....	9,370	11,921,424	10,415,138	4,120	5,922,670	9,817,725
28.....	3,174	10,190,151	7,185,150	4,520	6,245,485	9,952,520
October 5.....	2,629	7,982,986	7,624,409	4,790	4,925,785	9,015,920
12.....	4,745	10,785,905	8,472,352	4,374	5,499,010	9,706,165
19.....	11,292	9,172,875	11,818,250	6,566	5,619,470	6,917,500
26.....	5,494	10,880,235	8,604,575	6,034	5,979,635	8,908,171
November 2.....	6,814	9,354,206	9,742,258	3,787	6,533,100	7,903,088
9.....	4,373	11,822,966	9,517,935	3,525	5,904,580	5,398,050
16.....	5,693	14,996,728	17,168,951	6,845	10,385,008	8,169,450
23.....	6,392	10,209,337	11,176,175	5,613	12,957,868	9,515,050
30.....	6,206	12,338,745	12,692,605	7,443	8,413,825	9,377,882
December 7.....	5,553	10,704,343	16,540,038	4,573	8,865,537	11,269,012
14.....	6,778	13,412,022	10,890,331	7,386	11,619,260	9,801,042
21.....	11,417	15,704,183	13,906,698	7,016	16,642,046	12,397,700
28.....	8,593	15,217,254	15,846,320	2,524	7,347,915	5,869,200

Annual exports of Hog Product from the United States, representing pounds, for provision trade years ending October 31:

KINDS.	1894-95	1893-94	1892-93	1891-92	1890-91	1889-90	1888-89
Bacon.....	414,000,000	436,000,000	356,000,000	538,000,000	484,000,000	536,000,000	430,000,000
Hams.....	103,000,000	92,000,000	82,000,000	82,000,000	81,000,000	84,000,000	50,000,000
Pork.....	66,000,000	61,000,000	51,000,000	78,000,000	77,000,000	80,000,000	73,000,000
Total Meats.....	583,000,000	589,000,000	489,000,000	698,000,000	642,000,000	700,000,000	553,000,000
Lard.....	491,000,000	451,000,000	361,000,000	478,000,000	442,000,000	512,000,000	368,000,000
Total Product.....	1,074,000,000	1,040,000,000	850,000,000	1,176,000,000	1,084,000,000	1,212,000,000	921,000,000



## RAINFALL AT CINCINNATI.

Monthly and annual Rainfall, at Cincinnati, together with the average in the whole period, in inches and hundredths of an inch :

YEARS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1835	3.82	1.75	1.86	3.37	7.57	7.34	2.46	6.54	2.32	4.35	6.61	3.20	51.19
1836	2.97	4.34	4.18	4.54	9.01	2.14	7.42	5.54	4.77	8.71	4.41	4.38	57.39
1837	1.80	3.43	3.70	2.00	3.79	4.38	3.83	5.91	3.14	4.16	2.52	5.06	42.71
1838	1.90	1.64	.56	4.74	8.57	7.55	2.47	3.76	.71	3.55	3.12	.85	39.45
1839	4.56	2.75	2.69	2.38	4.46	1.96	2.97	.56	3.24	.13	2.20	1.72	29.62
1840	1.13	4.68	3.62	4.78	6.08	6.84	4.45	3.73	1.56	4.74	2.50	3.20	47.34
1841	5.56	.82	2.34	4.75	2.16	1.51	5.33	2.71	2.94	2.46	4.92	5.56	41.05
1842	2.75	6.09	3.02	2.97	3.04	5.67	2.35	4.22	2.95	1.90	3.76	2.57	41.29
1843	3.51	3.54	2.97	6.15	3.54	4.52	2.92	5.39	6.73	4.16	4.26	3.00	51.22
1844	3.10	1.04	4.50	3.13	7.00	6.16	3.50	3.65	1.26	4.32	3.18	1.10	41.94
1845	3.03	1.66	5.46	1.08	1.89	11.50	3.06	6.88	7.51	2.03	1.68	.60	46.38
1846	3.59	3.20	2.26	3.61	5.17	7.53	3.93	6.10	2.50	2.19	4.26	9.25	53.52
1847	4.71	4.06	5.37	2.12	4.80	7.63	3.25	3.20	3.37	3.62	3.95	8.15	65.18
1848	4.58	2.81	6.72	.55	5.13	1.86	6.95	3.90	1.53	3.57	2.60	9.43	49.68
1849	6.48	2.04	4.70	3.65	3.61	4.90	3.90	4.41	2.68	3.86	2.42	5.32	52.97
1850	5.20	6.28	6.62	4.27	1.86	5.00	6.30	7.20	2.22	1.05	2.54	6.22	54.76
1851	.65	6.15	3.04	1.80	3.30	2.10	3.25	2.55	4.33	2.60	3.25	3.37	32.49
1852	2.03	5.20	5.16	5.80	3.15	5.25	2.05	4.35	4.15	2.75	4.57	9.89	54.35
1853	1.53	5.14	2.14	7.70	2.21	1.90	4.81	2.16	4.70	3.78	3.90	.73	40.10
1854	4.10	5.57	3.33	2.97	7.29	4.84	2.32	3.18	2.12	3.01	3.66	3.38	50.69
1855	3.71	1.58	3.66	3.05	5.24	8.10	4.85	4.25	2.98	1.31	5.22	3.28	47.00
1856	1.00	2.49	1.51	.73	1.23	2.24	3.43	.61	3.62	1.74	2.09	2.19	22.88
1857	.54	1.98	.76	2.73	5.58	3.09	2.50	2.92	.75	4.92	5.86	3.82	34.90
1858	2.56	1.74	1.05	4.34	3.32	5.69	3.01	7.97	.85	4.66	4.46	6.41	49.17
1859	2.58	5.92	4.33	7.53	2.32	3.22	1.24	3.79	2.10	1.28	4.46	3.75	42.57
1860	1.43	1.56	4.11	5.32	3.65	1.55	7.97	.92	4.34	1.28	3.53	1.85	33.84
1861	2.68	1.81	2.08	3.88	5.91	3.80	3.62	7.10	2.94	3.77	3.82	1.10	42.31
1862	4.74	2.36	5.84	6.30	3.32	3.02	3.05	1.49	.93	3.80	3.47	3.01	38.83
1863	5.55	3.05	4.37	2.13	2.84	3.11	3.21	2.99	3.10	3.85	3.05	3.80	40.05
1864	1.85	.99	.90	2.43	2.34	3.43	1.25	3.42	8.64	2.92	3.40	2.94	34.51
1865	2.45	2.43	4.40	3.89	.72	2.59	7.77	2.26	5.76	.86	.56	3.89	44.58
1866	3.36	1.10	5.22	2.49	.98	4.43	7.82	6.31	10.07	1.83	1.57	1.72	46.90
1867	1.27	5.32	1.93	3.20	4.48	3.67	2.08	1.13	.65	3.10	1.66	3.66	32.10
1868	7.29	.88	5.41	3.30	6.01	7.26	1.80	6.65	8.21	1.10	1.16	1.64	50.71
1869	2.17	3.05	5.14	3.05	5.93	3.00	5.36	1.10	7.0	3.23	3.16	3.50	41.51
1870	6.20	2.98	4.80	1.42	1.90	5.35	5.56	1.10	3.20	2.75	1.40	2.35	36.99
1871	2.48	5.10	4.30	1.30	5.45	2.15	4.75	6.90	1.23	1.10	4.28	3.27	42.31
1872	6.05	1.66	1.47	4.81	4.10	3.81	7.82	2.21	1.62	3.38	1.12	2.43	40.43
1873	2.66	3.76	2.36	2.89	3.50	3.58	3.94	4.69	2.24	2.79	2.50	6.47	31.38
1874	3.95	5.91	3.65	4.06	1.38	2.58	3.42	1.08	2.83	1.31	5.35	2.58	37.55
1875	1.59	1.33	3.69	2.12	3.82	4.83	9.63	3.17	.65	3.05	4.35	3.75	42.58
1876	9.59	2.92	5.07	3.26	1.25	6.67	6.91	6.88	3.17	4.26	2.96	.88	52.72
1877	2.33	.67	5.47	2.32	1.76	5.24	4.25	2.26	1.66	1.85	3.49	3.36	34.65
1878	4.33	2.33	4.03	3.05	2.53	5.03	4.32	4.11	2.84	2.39	2.77	3.89	41.62
1879	5.14	4.50	5.30	2.14	4.23	5.22	2.75	11.72	4.01	.65	4.06	7.11	51.60
1880	3.76	4.50	4.15	5.82	5.70	9.66	2.46	4.01	1.37	2.96	4.42	4.26	54.67
1881	6.02	7.04	6.17	3.25	2.23	7.82	3.12	.76	2.10	6.01	4.06	5.67	47.24
1882	2.82	7.04	3.48	2.71	8.47	4.34	2.91	5.75	3.16	1.59	1.67	2.39	52.12
1883	2.21	8.22	3.48	3.72	5.49	3.61	2.21	2.10	1.84	3.39	4.87	5.61	52.36
1884	2.21	2.67	2.63	3.02	5.56	2.77	1.73	2.06	3.87	1.35	1.23	3.99	39.28
1885	2.80	2.67	.56	3.34	2.07	3.98	1.40	4.96	2.72	2.30	2.53	1.82	33.94
1886	2.83	1.65	2.27	2.23	4.11	5.26	3.07	2.91	1.30	.82	3.23	1.67	31.35
1887	2.37	7.29	2.07	5.86	8.62	2.64	1.31	2.81	1.93	.55	2.33	1.80	35.08
1888	2.78	1.37	3.94	1.14	2.70	1.75	2.46	7.80	1.79	3.05	4.78	1.32	34.88
1889	2.38	1.72	.61	1.21	2.52	4.08	4.55	.26	4.31	2.03	5.28	2.02	30.92
1890	5.28	4.63	6.28	2.63	3.58	6.00	1.46	5.91	3.28	4.14	2.65	1.88	47.70
1891	3.31	3.87	4.86	1.55	1.08	4.83	5.13	2.83	2.65	1.16	5.03	2.14	38.44
1892	1.62	2.93	1.96	5.66	3.95	3.81	1.43	3.03	3.78	.40	2.26	1.22	31.95
1893	2.87	4.84	1.93	7.10	6.40	4.45	3.79	.86	3.90	3.17	2.04	2.65	44.00
1894	2.75	3.78	2.96	1.60	2.32	4.17	.18	1.98	2.46	.82	.98	3.23	25.58
1895	6.13	.37	1.51	2.62	1.82	2.15	2.27	3.29	.49	.73	4.66	3.29	29.33
Avg. 1835-1895.	3.35	3.42	3.52	3.38	4.12	4.50	3.96	3.85	2.95	2.77	3.18	3.49	42.56
Avg. 1835-1894.	3.30	3.47	3.56	3.39	4.16	4.54	3.99	3.86	2.99	2.81	3.16	3.49	42.78
Avg. 1835-1893.	3.31	3.47	3.59	3.43	4.20	4.55	4.06	3.90	3.00	2.85	3.20	3.50	43.06
Avg. 1835-1892.	3.37	3.44	3.59	3.37	4.17	4.55	4.06	3.95	2.98	2.83	3.22	3.52	43.05
Avg. 1835-1891.	3.39	3.45	3.64	3.33	4.16	4.56	4.04	3.97	2.97	2.88	3.29	3.56	43.24
Avg. 1835-1890.	3.39	3.44	3.59	3.37	4.22	4.56	4.02	3.99	2.98	2.91	3.26	3.59	43.32
Avg. 1835-1889.	3.36	3.42	3.56	3.39	4.24	4.53	4.07	3.95	2.97	2.86	3.27	3.62	43.24

## RIVER COMMERCE.

Receipts and shipments of Merchandise, by river, at Cincinnati, for two years, each year ending December 31, as indicated:

ARTICLES.	RECEIPTS.		SHIPMENTS.	
	1895	1894	1895	1894
Alcohol, bbls.....			104	191
Ale, Beer and Porter, bbls.....	32	248	6,102	6,063
Apples, Green, bbls.....	13,645	1,148	2,780	2,021
Bagging, pieces.....		94	119	429
Barley, bush.....	999	197	25	
Beans, bush.....	987	1,002	7,859	5,075
Beef, lbs.....			660	
Boots and Shoes, cases.....	1,238	1,345	9,596	11,273
Bran, Middlings, etc., tons.....	192	209	143	80
Brooms, dozen.....			543	1,301
Broom Corn, lbs.....	1,900	6,000		
Butter, tubs, etc.....	2,803	2,763	199	72
Candles, boxes.....	76	647	653	625
Castings, tons.....	1,789	830	1,701	625
Cattle, head.....	6,178	8,478	216	140
Cement and Plaster, bbls.....	7,981	7,024	4,249	4,218
Cheese, boxes.....	107	54	3,052	2,388
Cider, bbls.....	538	458	410	332
Coffee, bags.....	121	87	9,839	13,815
Cooperage, pieces.....	10,560	9,048	52,977	25,016
Corn, bush.....	35,202	108,560	8,180	6,414
Corn Meal, bbls.....	5	20	2,318	3,126
Cotton, bales.....	34,214	11,584	823	1,169
Crockery, pkgs.....	2,110	2,826	2,557	2,867
Eggs, cases, etc.....	27,814	26,908	413	1,681
Feathers, lbs.....	62,512	26,980	4,485	6,650
Fish, bbls.....	244	279	783	1,896
Fish, kegs and kits.....	10	50	1,097	5,803
Flour, bbls.....	7,440	8,593	13,114	12,313
Fruit, Dried, lbs.....	178,540	31,090	56,316	85,000
Fruit, Green, tons.....	20		4	
Furniture, pkgs.....			9,264	14,239
Glass, Window, boxes.....	337	564	2,159	2,299
Glassware, pkgs.....	19,198	35,235	17,187	32,924
Grease, tierces.....	605	497	167	194
Hardware, pkgs.....	10,005	23,355	18,204	33,732
Hay, tons.....	2,873	2,037	264	221
Hides, number.....	12,038	17,858	3,854	2,094
Hog Product—Bacon, lbs.....	10,160	2,000	1,876,330	1,428,820
D. S. Meats, loose, lbs.....			35,960	83,200
D. S. Meats, in boxes, lbs.....			92,000	119,000
Hams, lbs.....	8,250		370,930	196,960
Lard, lbs.....	13,920	14,210	586,470	622,300
Pork, bbls.....	12		217	173
Hogs, head.....	35,694	48,458	1	3
Hops, bales.....			52	104
Horses, head.....	1,044	679	1,194	854
Iron and Steel, tons.....	26,840	12,643	26,341	11,377
Iron and Steel, Scrap, tons.....	804	66		
Iron, Pig, tons.....	1,776	943	1,868	1,010
Lead, White, lbs.....			798,110	776,818
Leather, bundles.....	4,095	4,354	836	1,074
Lemons, boxes.....	12	3	1,503	1,068
Lime, bbls.....	3,922	3,568	3,441	1,968
Lumber, square feet.....	83,000	1,020,000	18,000	160,000
Malt, bush.....	240	5,232	2,863	6,601
Manufactures, sundry, pieces.....			3,355	
Merchandise, tons.....	39,498	13,235	23,042	20,314
Molasses, bbls.....	15,915	20,125	5,623	5,720
Nails, kegs.....	84,182	153,363	58,655	154,190
Oats, bush.....	5,056	4,902	11,006	13,024
Oil, bbls.....	493	878	2,313	1,124
Onions, bbls. and sacks.....	844	1,140	846	972
Oranges, boxes.....	5	16	2,323	9,931
Peanuts, bags.....	207	909	3,145	4,267

## RIVER COMMERCE—Continued.

ARTICLES.	RECEIPTS.		SHIPMENTS.	
	1895	1894	1895	1894
Petroleum, bbls.....	1,622	3,584	4,450	8,630
Potatoes, bags and bbls.....	16,092	14,326	11,997	6,752
Rice, bbls.....	2,153	2,172	628	1,078
Rope, Twine, etc., pkgs.....	6,561	9,796	7,532	7,912
Rosin, bbls.....	.....	.....	926	304
Rye, bush.....	13,196	6,194	3,309	1,110
Salt, bbls.....	71,416	34,485	49,913	12,472
Seed—Clover and Timothy, bags.....	2,167	1,879	8,957	11,690
Sheep, head.....	38,355	30,876	25	77
Shot, pockets.....	.....	.....	344	1,397
Soap, boxes.....	367	837	8,010	10,269
Sorghum, bbls.....	1,279	1,897	71	149
Spices, pkgs.....	.....	.....	151	60
Starch, boxes.....	.....	.....	12,718	15,159
Sugar, hhds.....	147	191	96	117
Sugar, bbls.....	10,071	21,514	10,805	10,716
Tallow, tierces.....	713	931	9	80
Tobacco, Leaf, hhds.....	24,935	19,679	2,923	3,377
Tobacco, Leaf, cases and bales.....	4	19	184	432
Tobacco, Manufactured, pkgs.....	1,148	3,600	4,372	6,115
Turpentine, bbls.....	.....	.....	123	55
Vegetables, Green, tons.....	400	338	146	374
Vinegar, bbls.....	.....	.....	4,321	5,328
Wheat, bush.....	44,776	85,311	12,298	14,385
Whisky, bbls.....	22,338	41,847	8,391	18,661
Wines and Liquors, bbls.....	379	179	230	212
Wines and Liquors, boxes and baskets.....	220	1,867	2,346	5,279
Wool, bales.....	1,001	1,220	448	462
Yarn, Cotton, pkgs.....	10,136	11,704	.....	.....

## MONTHLY COMPARISONS OF RIVER AND RAINFALL.

Highest, lowest and average monthly Stages of the Ohio River, and the monthly and annual Rainfall, at Cincinnati, in two years, ending December 31, representing feet and tenths of feet:

MONTHS.	HIGHEST.				LOWEST.				AVERAGE.		RAINFALL.	
	1895		1894		1895		1894		1895	1894	1895	1894
	Date.	Feet.	Date.	Feet.	Date.	Feet.	Date.	Feet.	Feet.	Feet.	Inches	Inches
January.....	14	48.4	3	21.0	6	8.3	17	15.3	28.3	17.4	6.13	2.75
February.....	1	16.2	15	35.6	8	10.4	4	17.2	13.3	27.4	0.37	3.78
March.....	7	36.8	12	27.7	1	14.8	22	17.9	27.4	22.6	1.51	2.36
April.....	15	33.9	16	25.4	30	12.0	9	14.1	28.4	18.9	2.62	1.60
May.....	21	17.2	27	32.0	31	10.3	22	9.5	12.8	17.0	1.82	2.32
June.....	1	10.1	1	20.7	29-30	4.6	25	7.5	6.5	12.2	2.15	4.17
July.....	28	12.5	4	8.1	1	4.6	27	4.1	7.6	5.7	2.27	0.13
August.....	1	9.0	19	5.1	18	5.1	31	3.6	6.0	4.4	3.29	1.98
September.....	1	6.5	27	13.1	30	3.9	14	3.1	4.10	4.9	0.49	2.46
October.....	1-2	4.4	1	9.0	28	2.3	24	3.6	2.11	4.7	0.73	0.82
November.....	23	5.4	27	8.9	1	2.4	2	3.5	3.5	6.7	4.66	0.98
December.....	31	21.8	18	19.4	1	4.5	4	6.9	9.6	11.9	3.29	3.23
For the year.....	Jan. 14	48.4	Feb. 15	35.6	Oct. 28	2.3	Sept. 14	3.1	12.2	12.8	29.33	26.58

## ARRIVALS AND DEPARTURES OF STEAMERS.

Monthly arrivals and departures of Freight and Passenger Steamers, at Cincinnati, with comparisons for three years, as indicated:

MONTHS.	ARRIVED FROM											
	NEW ORLEANS.			PITTSBURGH AND WHEELING.			OTHER POINTS.			TOTALS.		
	1895	1894	1893	1895	1894	1893	1895	1894	1893	1895	1894	1893
January .....	7	4	..	16	13	..	139	133	11	162	150	11
February .....	..	4	3	..	12	18	..	149	156	..	165	177
March .....	6	5	4	7	17	22	101	143	158	114	165	184
April .....	4	4	5	13	16	23	109	149	172	126	169	198
May .....	4	4	2	8	17	21	122	143	176	134	164	199
June .....	2	2	2	4	12	18	86	142	173	92	156	191
July .....	1	..	1	..	..	2	116	127	168	117	127	171
August .....	..	..	..	..	..	..	98	118	156	98	118	156
September .....	..	..	..	..	3	..	71	97	138	71	100	138
October .....	..	..	..	..	..	..	37	113	126	37	113	126
November .....	..	..	..	..	1	2	26	115	158	26	116	160
December .....	..	3	2	4	9	14	47	132	162	51	144	180
Totals. ....	24	26	17	52	100	120	952	1,561	1,754	1,028	1,687	1,891

MONTHS.	DEPARTED FOR											
	NEW ORLEANS.			PITTSBURGH AND WHEELING.			OTHER POINTS.			TOTALS.		
	1895	1894	1893	1895	1894	1893	1895	1894	1893	1895	1894	1893
January .....	8	3	..	13	12	..	130	135	10	151	150	10
February .....	..	5	3	..	14	19	..	149	156	..	168	173
March .....	6	4	4	8	17	22	116	141	159	170	162	185
April .....	7	5	3	12	18	23	140	152	170	159	175	196
May .....	4	3	2	8	16	20	110	141	178	122	160	200
June .....	..	3	2	3	12	18	70	143	174	73	158	194
July .....	..	..	1	..	..	2	84	127	168	84	127	171
August .....	..	..	..	..	..	..	80	121	157	80	121	157
September .....	..	..	..	..	2	..	63	99	186	63	101	136
October .....	..	..	..	..	..	..	32	112	127	32	112	127
November .....	..	..	..	..	1	2	24	115	159	24	116	161
December .....	1	2	2	2	10	14	62	132	163	65	144	179
Totals .....	26	25	17	46	102	120	911	1,567	1,757	988	1,694	1,894

Annual arrivals and departures of Steamers, at Cincinnati, for years indicated:

YEARS.	Arrivals.	Departures.	YEARS.	Arrivals.	Departures.	YEARS.	Arrivals.	Departures.
1860-61 .....	2,714	2,644	1872-73 .....	2,340	2,333	1884-85 .....	2,137	2,138
1861-62 .....	2,868	2,787	1873-74 .....	2,596	2,600	1885-86 .....	2,469	2,483
1862-63 .....	2,206	2,120	1874-75 .....	2,602	2,665	1886-87 .....	2,272	2,281
1863-64 .....	2,936	2,813	1875-76 .....	2,779	2,806	1887-88 .....	2,113	2,115
1864-65 .....	3,490	3,219	1876-77 .....	2,646	2,653	1888-89 .....	2,521	2,522
1865-66 .....	3,459	3,879	1877-78 .....	2,942	2,942	1889-90 .....	2,257	2,252
1866-67 .....	2,853	2,839	1878-79 .....	2,725	2,730	1890-91 .....	2,254	2,234
1867-68 .....	2,694	2,681	1879-80 .....	3,163	3,167	1891-92 .....	2,185	2,186
1868-69 .....	3,026	2,993	1880-81 .....	2,638	2,638	1892 .....	2,052	2,062
1869-70 .....	2,712	2,726	1881-82 .....	2,739	2,736	1893 .....	1,891	1,894
1870-71 .....	2,377	2,856	1882-83 .....	2,340	2,329	1894 .....	1,687	1,694
1871-72 .....	2,271	2,235	1883-84 .....	2,170	2,162	1895 .....	1,028	983

## OHIO RIVER STEAMERS.

Detailed statement of Freight and Passenger Steamers in service between Cincinnati and other ports during the year 1895, showing names, when built, where built, and tonnage of each, according to custom-house measurement:

NAMES.	When Built.	Where Built.	Tonnage.	NAMES.	When Built.	Where Built.	Tonnage.
B. S. Rhea.....	1886	Jeffersonville, Ind.	203.77	Lizzie Bay.....	1886	Madison, Ind.....	176.39
Big Sandy.....	1884	Cincinnati, O.....	770.17	Longfellow.....	1875	Cincinnati, O.....	1,178.39
Bonanza.....	1885	Cincinnati, O.....	741.13	New South.....	1887	Jeffersonville, Ind.	932.85
Bostona.....	1879	Cincinnati, O.....	938.32	Ruth.....	1893	Marietta, O.....	131.78
Buckeye State.....	1883	Cincinnati, O.....	669.92	St. Lawrence.....	1879	Wheeling, W. Va.....	913.61
Carrollton.....	1891	Marietta, O.....	599.68	Scotia.....	1880	Pittsburgh, Pa.....	601.21
City of Louisville.....	1894	Jeffersonville, Ind.	1,681.98	Sherley.....	1891	Marietta, O.....	430.96
City of Vevay.....	1884	Madison, Ind.....	839.54	State of Kansas.....	1889	Madison, Ind.....	890.72
Congo.....	1891	Madison, Ind.....	599.18	State of Missouri.....	1889	Madison, Ind.....	960.38
Courier.....	1885	Freedom, Pa.....	236.49	Sunshine.....	1892	Brownsville, Pa.....	535.04
Frank Preston.....	1884	Catlettsburg, Ky.....	55.82	Tacoma.....	1883	New Richmond, O.....	206.92
H. K. Bedford.....	1885	Jeffersonville, Ind.	139.68	Telegraph.....	1891	Marietta, O.....	988.42
Henry M. Stanley.....	1890	Pt. Pleasant, W. Va.	253.77				
Hudson.....	1886	Pittsburgh, Pa.....	741.76				
Iron Queen.....	1891	Marietta, O.....	645.98	Total tonnage, 1895.....			18,587.07
John K. Speed.....	1891	Madison, Ind.....	1,090.27	Total tonnage, 1894.....			20,527.52
Keystone State.....	1890	Marietta, O.....	599.02	Decrease.....			1,940.45
Levi J. Workum.....	1891	Cincinnati, O.....	183.82				

NOTE.—The above list includes only Steamers engaged in freight and passenger traffic during the year.

## STEAMER TONNAGE COMPARISONS.

The whole number of Steamers in the freight and passenger traffic between Cincinnati and other ports, and total tonnage, compared for ten years:

YEARS.	Number.	Tonnage.	YEARS.	Number.	Tonnage.
1885-86.....	61	31,112	1890-91.....	37	24,145
1886-87.....	48	23,268	1891-92.....	40	23,374
1887-88.....	48	24,348	1893.....	36	22,569
1888-89.....	42	24,453	1894.....	34	20,527
1889-90.....	48	23,588	1895.....	30	18,587

## STEAMERS DESTROYED.

The following is a list of Ohio River Steamers destroyed in the year 1895, causes of destruction, and tonnage represented:

NAMES.	How Destroyed.	Tonnage.	NAMES.	How Destroyed.	Tonnage.
B. S. Rhea.....	Burned.....	203.77	Scotia.....	Burned.....	601.21
Big Sandy.....	Burned.....	770.17	St. Lawrence.....	{ Sunk and Dis- mantled... }	913.61
Carrollton.....	Burned.....	599.68	State of Missouri.....	Sunk.....	960.38
Iron Queen.....	Burned.....	645.98			
Longfellow.....	Sunk.....	1,178.39			

NOTE.—Total tonnage destroyed during the year, 5,873.19.

## STAGES OF THE OHIO RIVER.

Highest, lowest and average Stages of the Ohio River, at Cincinnati, each calendar year, from 1860 to 1895, inclusive, with the highest Stage during the floods of 1832 and 1847:

CALENDAR YEARS.	HIGHEST STAGE.		LOWEST STAGE.		AVERAGE FOR THE YEAR.
	DATE.	Feet. Inch.	DATE.	Feet. Inch.	Feet. Inch.
1832.....	February 18.....	64 3			
1847.....	December 17.....	63 7			
1860.....	April 16.....	49 2	October 3.....	5 4	16
1861.....	April 19.....	49 5	July 13.....	5 1	19 1
1862.....	January 24.....	57 4	October 31.....	2 4	17 5
1863.....	March 12.....	42 9	October 6.....	2 6	15
1864.....	December 28.....	45 1	August 6.....	3 1	16 8
1865.....	March 7.....	56 3	October 19.....	5 8	21 10
1866.....	September 26.....	42 6	August 17.....	4 9	19 2
1867.....	March 14.....	55 8	October 19.....	5 1	17
1868.....	March 30.....	48 3	July 21.....	5 1	18 8
1869.....	April 2.....	48 9	August 21.....	5 4	19 8
1870.....	January 19.....	56 3	October 4.....	3 10	17 10
1871.....	May 13.....	40 6	October 12.....	2 8	11 10
1872.....	April 13.....	41 9	October 14.....	3	11 8
1873.....	December 18.....	44 5	October 12.....	3 8	18 5
1874.....	January 11.....	47 11	September 22.....	2 4	15 8
1875.....	August 6.....	55 4	September 19.....	4 3	18 9
1876.....	January 29.....	51 9	September 4.....	6 2	18 2
1877.....	January 20.....	53 9	October 9.....	3 3	15 9
1878.....	December 15.....	41 4	October 24.....	4 4	16 9
1879.....	December 27.....	42 9	October 23.....	2 6	14 6
1880.....	February 17.....	58 2	October 28.....	3 9	17
1881.....	February 16.....	50 7	September 18.....	1 11	16 11
1882.....	February 21.....	58 7	November 1.....	6 1	*22 1½
1883.....	February 15.....	66 4	September 21.....	3 7	*19 5½
1884.....	February 14.....	71 ¾	September 21.....	2 9	*17 4
1885.....	January 20.....	46	September 26.....	2 6	*15 7
1886.....	April 9.....	55 9	November 1.....	3 4	*17 10
1887.....	February 5.....	56 3	September 23.....	2 8	*15 1½
1888.....	April 1.....	39 11	August 7.....	5 3	*17 11
1889.....	February 22.....	38 3	September 13.....	5 3	*18 6
1890.....	March 26.....	59 2	August 30.....	5 9	*25 8
1891.....	February 25.....	57 4	October 7.....	4 5	*20 6
1892.....	April 25.....	43 8	November 5.....	3 5	*16 6
1893.....	February 20.....	54 11	August 30.....	3 7	*17 8
1894.....	February 15.....	35 6	September 14.....	3 1	*12 9
1895.....	January 14.....	48 4	October 28.....	2 8	*12 2

\* Prepared from the Stages as shown by the Water-works marks daily at 6 A. M. and 6 P. M.; the previous years having been made from one daily observation, at 6 A. M.

† 4 o'clock to 5 o'clock A. M., inclusive. ‡ 12 o'clock noon to 1:30 P. M.

## RAINFALL IN THE OHIO VALLEY.

Annual Rainfall at various points in the Ohio Valley, prepared from reports of the U. S. Weather Bureau, in inches and hundredths of an inch:

POINTS.	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895
Pittsburgh ....	34.82	34.12	39.21	41.95	39.89	41.37	50.61	38.28	32.66	37.84	28.17	27.50
Cincinnati ....	39.28	33.94	31.35	35.08	34.88	30.92	47.70	38.44	31.95	44.00	26.58	29.33
Louisville ....	51.41	47.23	40.97	34.15	47.84	35.02	50.51	43.44	38.13	43.93	38.06	38.86
Calto .....	51.66	31.99	37.98	26.75	41.90	37.68	55.41	39.56	38.71	48.79	30.51	33.57
Columbus, O....	31.02	42.25	42.39	30.25	35.00	28.50	52.42	42.05	33.54	38.12	29.49	30.74
Indianapolis ..	39.99	39.51	39.88	33.08	41.36	28.41	50.73	38.23	39.77	39.35	31.13	33.54
Chattanooga ..	61.06	56.61	58.53	51.07	54.87	49.31	54.87	58.73	62.68	47.46	37.22	46.36
Memphis .....	64.69	37.41	57.72	42.52	46.82	44.67	68.28	51.31	61.46	44.45	54.52	38.59
Nashville .....	54.02	42.95	44.74	48.40	50.49	42.01	59.97	52.82	50.02	46.30	41.96	42.83

## OHIO RIVER BRIDGES.

Statement showing the Names, Kinds, Lengths, Channel Spans, etc., of the various Bridges over the Ohio River, January 1, 1896, as prepared by MAJOR AMOS STICKNEY, Corps of U. S. Engineers:

DISTANCE BELOW PITTSBURGH.	MILES	NAME OF BRIDGE.	KIND.	LENGTH.		CHANNEL SPANS.				DRAW SPANS.	Height of Flood of Water. 1882 above Low Water.
				Over Ohio River.	Includ- ing Ap- proaches	WIDTH AT LOW WATER.		HEIGHT.			
						FT.	FT.	Above Low Water.	Above High Water of 1882.		
		Point, at Pittsburgh .....	Highway .....	1,090	1,090	780	73.3	38.72	38.72	.....	34.00
0		Ohio Connecting Railway ..	Railroad .....	3,182	4,470	508.5	2400	83.5	49.35	.....	33.57
25		Rochester .....	Underway, 1885-96.	.....	.....	.....	.....	.....	.....	.....	.....
26		Beaver .....	Railroad .....	1,346	2,486	426	.....	88.9	45.87	.....	43.36
44		East Liverpool .....	Underway, 1885-96.	.....	.....	.....	.....	.....	.....	.....	.....
67		Steubenville .....	Railroad .....	1,885.4	1,885.4	303	.....	89.6	45.30	.....	47.35
89		Wheeling and Martins Ferry ..	Railroad .....	1,502.3	2,099	500	.....	91.66	48.12	.....	51.12
90		Wheeling (Suspension) .....	Highway .....	980	980	980	.....	91.5	48.00	.....	51.12
90		Wheeling .....	Highway .....	997	1,816	506.8	.....	90.7	47.20	.....	51.12
94		Bellaire .....	Railroad .....	1,485.5	4,001.5	322	.....	90.0	46.50	.....	51.12
183		Parkersburg .....	Railroad .....	1,540	4,200	326.5	.....	90.0	40.50	.....	52.00
263		Point Pleasant .....	Railroad .....	1,370	4,920	400	.....	91.4	38.60	.....	60.44
313		Kenova .....	Railroad .....	1,731	3,789	500	.....	98.0	40.00	.....	63.00
466		Newport and Cincinnati .....	R. R. and Highway ..	1,648.6	{ 3,694 2,783.9	490	.....	104.0	36.00	.....	69.14
466½		Newport and Cincinnati .....	Highway .....	1,582	2,640.5	501.8	.....	{ 102.4 105.7 92.0	{ 40.40 43.70 30.00	.....	69.14
466¾		Covington and Cincinnati ..	Highway .....	1,619	1,619	1,005	.....	{ 103.0 41.00	{ 41.00	.....	69.14
467		Chesapeake and Ohio .....	R. R. and Highway ..	1,580	4,812	524.3	.....	105.3	43.30	.....	69.14
468½		Cincinnati Southern .....	R. R. with Footway ..	1,499	3,822	500	.....	102.4	40.00	160	69.14
597½		Louisville and Jeffersonville ..	R. R. with Footway ..	2,545	9,358	535.4	{ 538.4 533.4	92.8	53.00	.....	44.07
599		Ohio Falls .....	R. R. with Footway ..	5,220	5,220	380	5252.5	96.5	45.10	114	56.50
602		Kentucky and Indiana .....	R. R. and Highway ..	2,458	7,280	464	1461	106.5	40.00	160	71.00
794½		Henderson .....	Railroad .....	2,519	3,624	500	.....	101.3	55.00	.....	87.80
963		Calro .....	Railroad .....	4,395	20,246	503	503	105.2	153.00	.....	53.82

\* Middle chute.

† North of Sand Island.

‡ At middle of channel span.

‡ Back channel.

‡ Above high water of 1867.

## MANUFACTURES OF THE CITY OF CINCINNATI.

Table showing the Cash Capital Invested, the Value of Real Estate Occupied, and the Number of Hands Employed, in the various classes of Manufactures in the city of Cincinnati and immediate vicinity, together with the aggregate Value of Production, and the Number of Establishments Engaged in each, in 1890:

CLASS OF MANUFACTURES.	Year ending July 1, 1890.				
	No. of Establishments.	Cash Capital Invested.	Value of Real Estate Occupied.	Number of Hands Employed.	Value of Production.
Agricultural Implements.....	5	\$225,000	\$164,000	328	\$397,400
Ale and Porter (see Malt Liquors).....	..	..	..	..	..
Alcohol (see Distilled Liquors).....	..	..	..	..	..
Artificial Limbs and Trusses.....	15	54,500	68,000	94	99,450
Awnings and Tents.....	11	36,765	68,810	116	120,460
Baggage Checks (Included with Stencils and Dies).....	..	..	..	..	..
Baking Powder and Yeast.....	22	194,000	181,000	205	607,230
Beer (see Malt Liquors).....	4	..	..	..	..
Bellows and Forges.....	2	17,000	19,000	31	27,900
Bells.....	2	51,000	44,000	101	204,900
Billiard Tables.....	4	180,400	106,400	161	389,625
Blacking (see Ink).....	..	..	..	..	..
Blacksmithing.....	198	335,000	374,000	1,109	879,420
Blinds, Venetian (see Window Shades).....	6	..	..	..	..
Boilers.....	6	194,510	101,000	184	335,000
Bolts and Nuts (see Iron).....	..	..	..	..	..
Book Binding and Blank Books.....	44	294,500	361,700	740	532,261
Book and Newspaper Publishing.....	136	4,155,386	2,368,180	3,921	6,142,189
Boots and Shoes.....	597	1,928,419	2,013,435	4,569	6,589,920
Boxes, Cigar.....	8	115,000	90,600	394	315,300
Paper.....	13	80,000	78,000	265	243,890
Wooden (Packing).....	11	203,600	141,000	297	384,700
Brackets and Hat Racks.....	8	115,000	98,450	301	371,605
Brass Founding and Finishing.....	26	319,736	217,500	510	799,800
Bread, Crackers, etc.....	409	1,271,228	1,792,981	2,966	4,163,113
Brick.....	55	370,000	294,175	565	791,000
Bricklaying.....	124	301,000	64,000	692	2,410,000
Bristles (see Curled Hair).....	..	..	..	..	..
Britannia Ware.....	1	45,000	18,000	34	87,300
Brooms.....	11	49,000	42,000	147	125,900
Brushes and Wire Goods.....	15	178,000	82,000	580	316,400
Building Materials (exclusive of Brick and Stone).....	33	1,621,000	742,500	1,851	3,971,840
Bungs and Faucets.....	6	274,000	198,200	173	204,615
Burial Cases, Coffins and Hearses.....	6	961,700	485,000	1,153	2,147,600
Candles, Soaps and Oils.....	36	4,750,000	3,445,000	1,757	10,616,000
Candy and other Confections.....	46	370,805	557,320	689	1,721,124
Canned Goods.....	7	210,300	118,500	386	526,500
Carpentering.....	279	647,900	384,000	2,685	4,110,170
Carpets.....	31	16,000	17,540	98	72,150
Carriages and Buggies.....	82	2,650,000	1,970,000	5,310	9,826,540
Carriage and Wagon Materials.....	22	630,000	274,500	824	1,615,890
Castings (see Iron).....	..	..	..	..	..
Cement, Lime and Plaster.....	6	40,000	16,000	120	100,000
Cement Felting.....	2	4,000	2,000	25	15,000
Chairs and Sofas.....	28	260,000	146,000	672	694,600
Charcoal, Fuel and Ground.....	10	..	..	80	50,000
Chemicals (see Drugs).....	..	..	..	..	..
Children's Carriages, Hobby Horses, etc.....	3	61,000	83,400	110	155,000
Cider (included with Vinegar).....	..	..	..	..	..
Cigars (see Tobacco).....	..	..	..	..	..
Cloaks, Mantillas, Dress Trimmings, etc.....	32	416,000	294,000	2,971	1,943,000
Clothing and Gents' Furnishing Goods.....	470	13,874,158	5,281,606	19,354	21,770,001
Coffins (see Burial Cases).....	..	..	..	..	..
Coke.....	2	46,000	51,000	54	194,500
Coloring, Dyeing and Laundry Work.....	110	219,000	328,000	772	450,500
Cooperage.....	46	391,000	274,000	1,115	1,139,820
Copper Ware.....	8	40,000	37,300	94	190,320



## MANUFACTURES OF THE CITY OF CINCINNATI—Continued.

CLASS OF MANUFACTURES.	Year ending July 1, 1890.				
	No. of Establishments.	Cash Capital Invested.	Value of Real Estate Occupied.	Number of Hands Employed.	Value of Production.
Cordage.....	7	\$440,120	\$171,200	351	\$1,389,944
Corsets (see Hoop Skirts).....	..	..	..	..	..
Cotton Goods.....	6	372,000	398,700	479	743,000
Curled Hair and Bristles.....	5	185,000	79,000	162	319,000
Cutlery and Edge Tools.....	12	72,000	68,920	94	217,300
Dental Work <sup>a</sup> .....	131	165,800	262,000	262	461,400
Drain Pipe <sup>a</sup> .....	2	9,000	11,000	21	22,700
Drugs, Chemicals and Glycerine.....	18	\$16,759	459,600	213	1,952,745
Earthenware and Queensware.....	7	122,000	135,000	261	274,700
Edge Tools (see Cutlery).....	..	..	..	..	..
Enameled Iron Ware and Show Cards.....	4	52,000	50,000	115	178,000
Engraving, Glass.....	41	64,700	68,300	194	271,450
Metal.....					
Wood.....					
Excelsior (see Boxes).....	..	..	..	..	..
Fertilizers.....	9	301,300	219,000	131	817,430
Files.....	4	37,000	29,000	65	76,400
Fire Alarm Telegraph and Electrical Apparatus.....	15	361,732	315,400	380	643,500
Fire Arms, etc.....	7	19,200	16,400	43	37,700
Fire Brick, Tile, Clay, etc.....	3	22,000	9,000	41	85,000
Fire Works and Explosives.....	3	33,000	24,000	91	109,000
Fire Wood and Kindling <sup>a</sup> .....	13	16,000	24,500	65	45,000
Flags and Banners.....	4	49,000	31,000	103	142,000
Flavoring Extracts.....	7	31,000	26,500	72	64,000
Flour and Meal.....	16	223,000	271,000	144	1,291,305
Flour Sacks (see Paper).....	..	..	..	..	..
Flowers and Floral Work.....	55	149,000	370,000	234	271,900
Foundry Facings.....	3	45,000	36,500	68	154,300
Frames and Mouldings.....	18	558,114	371,350	615	802,629
Furniture.....	134	2,971,000	2,242,850	3,213	7,349,000
Furs and Gloves.....	7	80,000	69,000	94	380,237
Galvanized and Sheet Iron Work.....	89	398,835	399,100	479	1,164,968
Gas.....	1	6,500,000	1,800,000	540	1,292,700
Gas Meters, Machinery, etc.....	6	97,000	59,000	161	384,000
Glassware.....	5	170,000	127,000	350	338,500
Glass, Stained and Ground.....					
Gloves (see Furs).....	..	..	..	..	..
Glue.....	4	161,000	79,000	98	268,300
Glycerine (see Drugs, Chemicals, etc.).....	..	..	..	..	..
Gold and Silver Foil.....	2	16,500	10,000	28	54,000
Gold Pens, Pencil Cases, etc.....	2	65,000	45,000	80	89,400
Grates (see Mantels and Grates).....	..	..	..	..	..
Grease and Tallow.....	12	130,000	64,500	76	494,300
Hair Goods (see Wigs).....	..	..	..	..	..
Hardware.....	14	725,000	224,000	635	1,142,230
Harness and Saddlery.....	60	823,748	706,160	1,057	3,393,647
Hats and Caps.....	15	42,190	67,280	168	140,858
Hearses (Included with Burial Cases).....	..	..	..	..	..
Hollow Ware (see Stoves).....	..	..	..	..	..
Hoop Skirts and Corsets.....	1	5,000	3,000	12	12,000
Horse Collars and Hames (see Harness and Saddlery).....	..	..	..	..	..
Hose (see Leather Belting).....	..	..	..	..	..
Hosiery.....	19	415,945	175,000	739	694,820
Ice <sup>a</sup> .....	6	416,860	509,340	691	547,000
Ink and Blacking.....	10	243,700	98,000	132	695,000
Instruments, Astronomical, Engineering, etc.....	15	44,000	48,000	75	85,500
Musical.....	7	20,000	30,000	30	30,000
Iron, Bolts and Nuts.....	5	225,000	174,000	400	512,430
Castings, not otherwise specified.....	23	1,222,610	370,000	1,106	1,943,605
Forged and Rolled, exclusive of Blacksmithing.....	10	1,854,000	870,000	2,217	5,726,891
Wrought (Railing, Jail Work, Barbed Wire, etc.).....	19	735,600	514,000	703	1,741,700
Japan (see Varnish).....	..	..	..	..	..
Jewelry and Silver Ware.....	85	1,172,210	578,714	716	1,741,000
Lard <sup>a</sup> .....	..	..	..	..	..
Lasts and Hat Blocks.....	4	5,700	3,200	13	9,400
Lead, Sheet and Pipe.....	8	219,460	94,000	72	431,000
Leather.....	18	2,964,165	1,375,850	1,007	4,344,410
Leather Belting and Hose.....	4	74,000	55,000	65	294,100
Lightning Rods.....	3	28,000	18,700	19	114,500
Lime (see Cement).....	..	..	..	..	..
Liquors, Distilled.....	9	2,149,000	575,000	287	9,424,761
Malt.....	39	8,302,602	6,582,488	1,832	9,349,887
Rectified.....	58	1,942,170	642,000	355	9,427,480
Wine <sup>a</sup> .....	7	65,400	85,500	24	225,000

## MANUFACTURES OF THE CITY OF CINCINNATI—Continued.

CLASS OF MANUFACTURES.	Year ending July 1, 1890.				
	No. of Establishments.	Cash Capital Invested.	Value of Real Estate Occupied.	Number of Hands Employed.	Value of Production.
Lithographing.....	17	\$461,500	\$394,700	479	\$931,300
Locks and Locksmithing.....	35	454,000	161,000	298	713,790
Lumber (included with Building Materials).....					
Machinery, including Steam Gauges.....	81	2,434,600	1,494,000	2,113	5,941,600
Malt, exclusive of that manufactured by Brewers.....	15	634,000	401,000	151	1,153,700
Malt Kilns.....	4	29,000	35,100	54	61,000
Mantels and Grates.....	9	512,383	227,200	437	675,416
Maps.....	3	12,000	9,400	44	39,000
Marble Work (see Stone).....					
Mattresses and Bedding.....	43	129,000	98,000	234	386,000
Millinery and Dressmaking.....	934	1,094,216	831,000	2,947	2,106,530
Mill Stones and Portable Mills.....	5	225,000	222,000	218	385,400
Mineral Water.....	19	85,400	101,000	149	227,625
Mucilage (included with Ink).....					
Neck Ties, Ruffing, etc.....	6	27,400	38,600	222	161,600
Oils (see Candles, etc.).....					
Ornamental Plaster.....	3	5,000	7,600	38	26,000
Paints (see White Lead).....					
Paper, Printing, Wrapping, etc.....	34	1,741,200	2,143,600	1,891	4,228,590
Bags, Flour Sacks and Envelopes.....	9	248,000	135,000	264	1,098,400
Collars, Novelties, etc.....	7	11,600	14,000	61	35,700
Hangings.....	42	155,000	131,600	341	596,400
Painting, Fresco, House and Sign.....	173	228,950	288,955	794	945,620
Patent Medicines.....	29	464,000	198,700	104	614,500
Patterns and Models.....	24	49,000	47,600	98	74,760
Photographs.....	53	91,000	143,000	201	254,400
Plastering.....	69	74,050	16,700	419	264,000
Pocket Books (see Paper Novelties).....					
Printing, Job.....	105	409,000	371,900	854	897,300
Provisions.....	165	2,940,700	2,107,000	1,638	12,135,415
Pumps and Plumbing.....	134	361,000	519,000	654	1,297,436
Putty (included with White Lead, etc.).....					
Railway Materials and Supplies.....	13	534,000	541,600	497	1,941,650
Ranges and Warm Air Furnaces.....	11	173,600	151,400	201	494,620
Refrigerators, Ice Boxes, etc.....	9	98,000	61,000	146	124,500
Regalia and Costumes.....	7	395,925	173,400	519	774,640
Roofing Materials.....	16	162,209	97,270	287	390,676
Rubber Moldings and Stamps.....	12	19,000	13,500	43	27,540
Saddlery (see Harness).....					
Safes and Bank Locks.....	7	1,574,563	752,939	1,946	3,426,329
Saws.....	6	214,000	115,000	264	327,600
Scales and Trucks.....	5	51,000	39,000	50	47,500
Seal Presses and Cancellation Stamps.....	6	22,000	18,000	61	43,456
Sealing Wax.....	1	2,500	2,500	9	6,500
Sewing Machine Outfits (see Machinery).....					
Shipping Tags (see Job Printing).....					
Shoes (see Boots and Shoes).....					
Shoe Cases.....	18	330,000	191,700	435	501,700
Silk, Manufactures of.....	3	25,500	24,000	116	100,140
Silver Plating.....	13	89,000	67,000	178	231,600
Silver Ware (see Jewelry).....					
Soap (see Candles and Soap).....					
Spices, Mustard, etc.....	14	613,112	154,840	207	2,319,355
Stair Building.....	15	64,000	71,000	165	213,700
Starch.....	2	217,925	350,000	234	925,000
Steamboats and Barges.....	3	104,000	100,000	45	135,500
Steam Gauges (see Machinery).....					
Steam Heating Apparatus.....	16	81,500	71,200	134	176,700
Steel Springs.....	4	35,000	26,400	78	76,450
Stencils, Dies and Checks.....	12	39,000	28,500	89	84,300
Stone and Marble Work.....	69	921,000	622,000	1,455	1,571,940
Stoves and Hollow Ware.....	9	1,130,000	563,000	858	1,098,400
Tallow (see Grease and Tallow).....					
Tin Ware and Tinnerns Supplies.....	107	331,000	325,174	650	1,119,000
Tobacco, Cigars and Cigarettes.....	481	1,471,340	1,009,621	2,979	4,764,410
Fine-cut, Plug, Smoking and Snuff.....	21	534,000	491,000	579	894,300
Trunks and Valises.....	12	192,725	194,100	358	495,963
Trusses and Braces (see Artificial Limbs).....					
Type, Presses and Printing Materials.....	6	262,000	194,000	364	535,000
Umbrellas and Parasols.....	13	94,000	98,000	134	216,900
Valises (see Trunks).....					
Varnishes and Japans.....	14	433,405	188,900	156	991,900
Veneers, etc.....	3	400,000	110,000	179	535,260
Vermicelli, Macaroni and Chocolate.....	4	14,600	15,900	27	38,540

## MANUFACTURES OF THE CITY OF CINCINNATI—Continued.

CLASS OF MANUFACTURES.	Year ending July 1, 1890.				
	No. of Establishments.	Cash Capital Invested.	Value of Real Estate Occupied.	Number of Hands Employed.	Value of Production.
Vinegar and Cider .....	15	\$112,000	\$59,450	116	\$331,600
Wagons, Carts, etc. ....	108	541,260	314,700	912	1,471,710
Washing Machines (see Wooden Ware) .....	..	.....	.....	.....	.....
Whisky (see Liquors) .....	..	.....	.....	.....	.....
White Lead, Colors, Paints and Putty .....	13	1,670,000	600,000	417	1,941,948
Wigs and Hair Goods .....	28	63,500	90,200	141	116,900
Willow Ware .....	14	27,400	18,500	61	59,600
Window Shades, Venetian Blinds, etc. ....	7	32,000	24,600	58	51,226
Wines (see Liquors) .....	..	.....	.....	.....	.....
Wire Goods (see Brushes) .....	..	.....	.....	.....	.....
Woolen and Worsted Goods .....	5	428,825	140,300	264	617,644
Wooden Ware .....	20	187,700	160,000	371	430,000
Wood Turning and Carving .....	19	61,000	50,500	101	105,000
Wringing Machines (see Wooden Ware) .....	..	.....	.....	.....	.....
Miscellaneous Industries .....	164	1,467,000	971,900	1,669	2,731,500
Miscellaneous Industries of Hamilton County, outside of the city limits, not included in above .....	1,292	1,643,800	991,416	3,419	5,261,050
Total, Cincinnati and immediate vicinity .....	8,667	\$106,599,037	\$65,982,264	115,944	\$236,162,060

\* Estimated.

† Preceding year's report.

‡ Hands included with provisions.

## MANUFACTURING INDUSTRY COMPARISONS.

Value of Products of the Manufacturing Industries of Cincinnati, and the Number of Hands Employed, for years indicated:

VALUE OF PRODUCTS OF MANUFACTURES.									
CLASSIFICATION.	1840	1850	1860	1870	1880	1886	1886	1887	1890
Iron.....	\$1,728,594	\$4,143,900	\$5,305,606	\$20,804,263	\$19,368,719	\$25,494,273	\$25,135,835	\$25,966,999	\$30,422,139
Other Metals.....	658,040	1,209,190	3,873,356	5,478,567	6,890,563	7,376,707	7,376,707	7,674,160	8,265,122
Wood.....	2,095,837	4,143,900	5,396,254	12,699,165	14,204,244	20,790,712	19,771,763	20,440,182	22,195,450
Leather.....	1,068,750	2,675,150	7,423,580	17,945,651	20,668,153	23,017,662	23,017,662	23,017,662	23,017,662
Food.....	5,269,617	14,473,562	3,222,283	7,435,561	8,317,682	10,948,400	10,948,400	11,165,200	11,110,300
Soap, Candles and Oils.....	433,940	1,503,000	6,757,683	12,626,682	18,695,844	21,270,427	22,029,928	23,202,769	26,631,769
Clothing.....	2,009,850	4,225,500	6,787,683	16,361,006	26,647,000	27,642,510	28,125,246	29,012,711	29,540,828
Liquors.....	307,500	5,240,530	4,756,068	1,864,774	1,592,013	1,740,340	2,069,824	2,258,983	3,535,698
Cotton, Wool, Hemp, etc.....	111,190	1,181,000	1,894,821	3,544,195	4,425,522	5,200,610	5,386,360	4,913,150	5,260,065
Drugs, Chemicals, etc.....	458,250	2,018,200	2,806,840	3,544,195	4,425,522	5,200,610	5,386,360	4,913,150	5,260,065
Stone and Earth.....	258,300	713,000	786,840	1,980,102	2,559,510	3,200,610	3,386,360	4,913,150	5,260,065
Carriages, Cars, etc.....	117,000	507,447	786,840	1,980,102	2,559,510	3,200,610	3,386,360	4,913,150	5,260,065
Paper.....	669,600	1,850,540	353,168	1,794,413	4,416,236	5,876,597	6,086,508	11,109,950	13,069,140
Book Binding and Blank Books.....	.....	.....	131,170	626,870	341,700	480,715	6,086,508	6,086,508	6,086,508
Printing and Publishing.....	.....	.....	1,543,101	4,699,280	4,401,735	4,357,843	4,502,678	4,556,876	5,582,261
Tobacco.....	.....	.....	615,856	5,837,690	5,389,024	3,190,027	3,482,835	3,784,868	5,658,710
Fine Arts.....	179,100	56,200	199,750	540,746	826,827	911,457	974,398	1,046,250	1,457,150
Miscellaneous.....	700,920	2,241,960	3,282,416	5,697,427	8,181,206	9,203,188	11,290,597	11,174,375	15,480,516
Totals.....	\$16,366,443	\$46,189,279	\$46,995,002	\$127,459,021	\$163,351,497	\$190,722,153	\$196,257,029	\$203,459,396	\$236,162,060

  

NUMBER OF HANDS EMPLOYED IN MANUFACTURING.									
CLASSIFICATION.	1840	1850	1860	1870	1880	1881	1882	1883	1884
Iron.....	1,250	6,075	4,040	10,723	7,598	10,462	11,874	12,766	12,113
Other Metals.....	466	921	1,051	1,809	3,872	4,127	4,254	4,254	4,177
Wood.....	1,426	3,798	5,022	7,597	8,646	10,683	11,407	11,727	11,516
Leather.....	888	2,472	2,490	4,647	5,553	6,805	7,502	7,502	6,688
Food.....	1,567	3,982	1,010	2,384	4,366	5,468	5,218	5,007	4,900
Soap, Candles and Oils.....	142	750	382	1,122	1,071	1,069	1,060	1,560	1,542
Clothing.....	1,217	3,198	10,647	12,363	16,934	18,098	18,604	18,547	18,314
Liquors.....	110	963	615	2,301	1,841	1,834	1,964	1,986	1,986
Cotton, Wool, Hemp, etc.....	359	890	557	1,055	1,272	1,136	1,273	1,495	1,528
Drugs, Chemicals, etc.....	114	394	240	735	624	788	735	719	700
Stone and Earth.....	301	841	933	2,209	2,225	2,364	2,569	2,861	3,060
Carriages, Cars, etc.....	87	498	740	1,175	1,588	1,743	2,138	2,558	2,484
Paper.....	512	1,073	77	452	519	471	514	561	556
Book Binding and Blank Books.....	.....	.....	1,046	2,588	2,510	3,655	3,690	3,890	3,690
Printing and Publishing.....	.....	.....	1,642	3,886	3,400	3,909	3,853	3,812	3,812
Tobacco.....	159	393	92	250	340	3,982	3,855	3,558	582
Fine Arts.....	482	2,289	558	4,177	2,421	5,475	5,643	5,733	6,188
Miscellaneous.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	9,040	28,527	30,268	59,827	64,709	80,839	86,393	90,523	98,486

## DAILY STAGES OF WATER FOR TWELVE MONTHS ENDING DECEMBER 31, 1895,

In the Ohio River at Cincinnati, daily, at 7:00 A. M.; and in the Ohio at Pittsburgh and Point Pleasant; the Kanawha at Charleston; New River at Hinton, W. Va.; Monongahela at Brownsville, Pa., and Allegheny at Oil City, Pa., daily, except Sunday, about 7:00 A. M.; in feet and tenths of feet.

1895	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JANUARY.																																
Oil City.....	1.6	1.5	1.5	1.5	1.5	2.3	7.6	5.0	4.10	4.2	4.8	...	4.0	3.9	3.6	3.2	3.0	2.9	...	2.6	2.0	3.6	3.0	2.5	2.3	...	...	2.0	1.9	1.8	1.7	
Brownsville.....	5.5	5.5	5.4	5.4	...	28.0	27.10	19.3	13.11	20.3	16.9	...	8.8	6.10	6.4	6.3	6.6	7.6	...	10.0	11.7	14.6	11.2	8.0	6.6	...	...	6.0	5.5	5.4	5.4	
Pittsburgh.....	2.6	2.7	2.7	...	...	12.4	25.7	21.7	14.7	15.8	15.1	...	9.6	7.1	6.6	6.5	5.5	5.5	...	8.2	9.3	12.5	10.5	7.8	6.0	...	...	5.0	4.3	3.7	3.7	
Wheeling.....	8.0	9.2	8.9	...	...	11.9	28.8	36.0	30.7	26.0	25.1	...	17.5	13.1	10.6	9.6	...	8.8	...	6.3	12.2	15.9	17.4	14.2	12.2	...	...	8.4	8.0	7.3	6.5	
Parkersburg.....	5.7	5.0	4.6	1.0	...	17.0	25.3	32.0	35.5	37.0	34.0	...	23.4	18.0	14.0	12.0	12.0	10.9	...	11.0	13.0	16.3	18.0	18.2	15.0	...	...	10.6	8.4	8.0	8.0	
Hinton.....	1.0	1.0	1.0	1.0	1.0	1.3	2.5	5.4	5.8	6.3	7.2	...	3.4	2.6	2.6	3.8	4.3	4.3	...	5.1	6.3	6.2	4.8	3.8	3.2	...	...	2.8	2.6	2.3	2.2	
Charleston.....	2.7	2.6	2.6	3.0	...	7.5	9.5	10.9	12.3	16.2	18.3	...	9.0	6.7	6.1	8.8	9.0	8.4	...	9.9	11.8	14.9	11.6	8.3	6.9	...	...	5.8	5.4	5.1	4.6	
Pt. Pleasant.....	4.0	3.8	3.5	3.7	...	8.5	25.5	30.7	37.7	43.4	44.5	...	36.5	28.3	22.4	19.4	18.0	16.5	...	16.3	17.0	21.2	24.4	23.6	21.4	...	...	15.4	12.1	10.2	9.3	
Portsmouth.....	7.2	6.4	6.3	5.9	...	9.6	22.8	32.3	37.5	43.5	48.0	...	45.0	40.4	34.1	31.5	29.1	26.3	...	22.0	23.0	26.1	29.8	30.0	28.5	...	...	23.0	19.9	17.0	15.0	
Cincinnati.....	10.1	9.9	9.6	9.1	8.4	8.3	20.4	23.3	26.3	33.9	39.9	45.2	47.10	48.4	46.2	42.8	37.5	35.4	33.8	32.4	30.8	28.8	27.2	28.8	31.2	32.0	30.10	29.3	26.0	23.3	20.5	
FEBRUARY.																																
Oil City.....	1.6	...	...	...	2.7	2.6	2.3	2.0	1.10	1.7	...	1.6	1.6	1.6	1.6	1.6	...	1.6	...	1.6	1.6	...	1.6	...	1.6	1.6	1.6	1.6	...	...	...	
Brownsville.....	5.1	5.0	...	...	4.2	4.0	4.0	3.11	3.11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pittsburgh.....	3.7	3.3	...	...	2.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wheeling.....	6.3	6.5	...	...	5.6	5.3	4.8	3.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parkersburg.....	8.0	7.8	...	...	7.0	6.8	6.6	6.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hinton.....	2.2	2.2	...	...	2.0	1.9	1.8	1.5	1.3	1.2	...	1.3	1.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Charleston.....	4.5	4.5	...	...	4.1	3.9	3.0	2.7	2.3	2.2	...	1.8	1.8	2.4	2.8	2.7	3.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pt. Pleasant.....	8.2	7.4	...	...	6.5	5.7	5.3	4.9	3.5	3.8	...	4.1	4.5	5.1	5.4	5.4	5.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Portsmouth.....	13.6	12.5	...	...	10.7	10.4	9.5	8.9	8.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cincinnati.....	18.5	16.2	14.10	14.0	13.0	12.3	11.4	10.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MARCH.																																
Oil City.....	3.2	11.0	...	...	5.6	4.9	4.0	3.8	3.2	3.3	...	3.0	2.11	2.11	3.6	3.11	3.9	...	3.8	3.0	...	2.10	2.10	2.9	...	...	...	...	...	...	...	
Brownsville.....	1.3	17.6	...	...	12.2	10.6	9.2	8.0	7.6	8.4	...	8.9	8.8	9.6	10.5	13.0	22.0	...	13.8	12.7	11.0	9.7	8.2	7.9	...	...	...	...	...	...	...	
Pittsburgh.....	5.2	14.4	...	...	12.8	11.3	9.9	8.0	7.2	7.7	...	8.5	8.6	8.3	9.3	11.3	11.5	...	11.3	9.4	8.8	8.2	7.2	6.6	...	...	...	...	...	...	...	
Wheeling.....	12.0	16.3	...	...	22.0	18.8	13.5	13.1	11.3	10.3	...	11.8	12.0	11.9	12.1	15.0	15.9	...	18.6	14.8	12.8	11.9	11.9	9.9	...	...	...	...	...	...	...	
Parkersburg.....	9.3	16.2	...	...	23.9	23.0	19.3	16.3	13.6	12.2	...	12.4	13.0	13.0	14.0	14.5	18.3	...	19.4	18.7	15.9	13.5	12.4	11.8	...	...	...	...	...	...	...	
Hinton.....	7.0	7.0	...	...	6.5	5.2	4.3	3.7	3.5	3.6	...	3.5	3.4	3.5	4.0	4.7	5.0	...	4.5	3.9	3.5	3.4	3.7	3.8	...	...	...	...	...	...	...	
Charleston.....	7.8	12.3	...	...	16.6	12.2	9.6	7.9	7.0	6.9	...	7.0	7.0	7.0	7.8	10.2	14.9	...	11.8	8.8	7.7	7.0	7.0	7.1	...	...	...	...	...	...	...	
Pt. Pleasant.....	10.1	13.6	...	...	31.0	31.6	29.0	24.6	20.4	17.5	...	15.5	15.8	16.1	16.4	18.2	24.0	...	27.9	26.6	23.7	20.1	18.0	16.8	...	...	...	...	...	...	...	
Portsmouth.....	14.3	17.0	...	...	32.5	35.6	35.5	33.0	29.4	25.8	...	21.2	20.5	20.8	21.5	23.0	28.0	...	34.4	33.5	31.6	29.0	26.9	25.6	...	...	...	...	...	...	...	
Cincinnati.....	14.8	16.2	19.2	26.5	33.5	36.5	36.8	34.8	31.7	28.8	26.0	24.0	23.2	22.9	24.2	26.0	...	30.6	34.8	36.4	35.8	34.0	31.3	29.5	28.1	26.6	24.8	23.2	21.7	21.2	22.5	23.10
APRIL.																																
Oil City.....	3.6	4.6	4.9	4.1	3.7	3.7	...	4.10	6.8	10.9	8.11	...	...	...	5.10	5.2	4.10	4.1	3.9	3.5	...	2.10	2.10	2.9	...	...	...	...	...	...	...	
Brownsville.....	7.10	7.7	9.7	10.9	8.7	8.0	...	6.0	9.2	18.6	16.9	...	...	...	4.6	4.6	4.0	3.8	3.9	3.5	...	...	...	...	...	...	...	...	...	...	...	...
Pittsburgh.....	7.8	7.7	9.0	9.8	8.7	7.5	...	8.6	8.4	19.4	26.2	...	...	...	4.6	4.6	4.0	3.8	3.9	3.5	...	...	...	...	...	...	...	...	...	...	...	...
Wheeling.....	11.0	10.5	10.5	12.0	12.7	11.3	...	9.9	9.3	14.5	26.9	...	...	...	4.6	4.6	4.0	3.8	3.9	3.5	...	...	...	...	...	...	...	...	...	...	...	...
Parkersburg.....	12.0	11.4	12.0	12.0	12.4	12.5	...	10.8	10.5	11.6	18.1	...	...	...	4.6	4.6	4.0	3.8	3.9	3.5	...	...	...	...	...	...	...	...	...	...	...	...
Hinton.....	2.9	2.8	2.8	3.9	3.7	2.6	...	9.0	13.0	23.9	13.5	...	...	...	4.6	4.6	4.0	3.8	3.9	3.5	...	...	...	...	...	...	...	...	...	...	...	...
Charleston.....	6.2	6.0	6.8	6.8	6.6	6.1	...	13.0	18.4	21.7	23.3	...	...	...	4.6	4.6	4.0	3.8	3.9	3.5	...	...	...	...	...	...	...	...	...	...	...	...
Pt. Pleasant.....	13.2	14.0	14.5	15.0	14.9	15.0	...	19.3	20.9	26.5	30.3	...	...	...	4.6	4.6	4.0	3.8	3.9	3.5	...	...	...	...	...	...	...	...	...	...	...	...
Portsmouth.....	19.9	19.6	20.2	20.0	19.7	...	...	22.0	21.8	24.4	24.6	...	...	...	4.6	4.6	4.0	3.8	3.9	3.5	...	...	...	...	...	...	...	...	...	...	...	...
Cincinnati.....	23.9	23.6	22.6	21.6	22.2	22.2	...	22.0	21.8	24.4	24.6	...	...	...	4.6	4.6	4.0	3.8	3.9	3.5	...	...	...	...	...	...	...	...	...	...	...	...

## DAILY STAGES OF WATER—Continued.

1895	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>MAY.</b>																															
Oil City.....	17	16	15	14	...	12	10	14	15	18	16	...	19	19	130	19	19	15	...	14	14	12	13	12	12	...	10	11	10	...	10
Brownsville.....	410	410	48	48	...	48	44	45	47	510	...	...	62	72	74	71	610	77	...	78	75	611	711	80	78	...	69	64	61	...	60
Pittsburgh.....	27	27	38	45	...	57	56	56	51	63	63	...	63	68	66	66	60	62	...	65	65	64	65	69	68	...	56	57	62	...	58
Wheeling.....	54	52	51	49	...	53	53	43	41	39	43	...	53	52	59	60	60	60	...	58	59	54	50	50	53	...	50	48	48	...	42
Parkersburg.....	65	65	60	60	...	59	55	55	54	42	42	...	47	50	54	57	60	70	...	36	33	37	35	30	28	...	52	51	46	...	40
Hinton.....	27	27	27	27	...	25	25	27	28	29	28	...	37	33	37	38	46	...	...	36	33	37	35	30	28	...	27	28	26	...	22
Charleston.....	58	59	59	59	...	59	59	58	60	62	61	...	48	61	62	60	84	99	...	72	67	64	70	83	62	...	55	53	52	...	47
Pt. Pleasant.....	82	61	58	55	...	52	51	50	50	50	51	...	43	61	62	63	83	90	...	89	78	70	69	73	68	...	56	55	54	...	49
Portsmouth.....	104	101	99	98	...	94	94	93	91	90	...	...	99	95	101	103	113	144	...	154	140	126	115	111	111	...	100	94	91	...	86
Cincinnati.....	125	122	121	117	114	112	109	109	109	111	109	108	108	110	112	112	116	121	1410	170	172	162	150	138	129	125	126	119	112	108	103
<b>JUNE.</b>																															
Oil City.....	0.11	...	0.9	0.10	0.10	0.10	0.10	0.10	...	0.9	0.7	0.9	0.7	0.6	0.6	...	0.6	0.7	0.7	0.7	0.5	0.7	...	...	...	1.3	1.3	1.3	1.7	...	...
Brownsville.....	6.0	6.0	5.7	5.6	5.5	5.4	5.5	5.6	...	5.4	5.8	4.11	4.9	4.8	4.8	...	5.0	4.11	4.11	4.9	4.9	4.0	...	0.1	1.5	1.3	1.3	1.3	1.7	...	...
Pittsburgh.....	5.8	...	5.5	5.6	5.5	5.6	5.5	5.6	...	5.5	5.6	5.6	5.5	5.6	5.5	...	5.6	5.6	5.6	5.5	5.0	5.3	...	6.2	6.0	6.0	6.3	6.1	6.7	...	...
Wheeling.....	4.1	...	3.5	3.0	3.0	3.0	2.9	2.9	...	2.8	2.8	2.7	2.7	2.6	2.7	...	2.6	2.3	2.0	1.9	1.8	1.7	...	0.8	0.8	0.8	1.0	1.3	2.3	...	...
Parkersburg.....	3.8	...	3.5	3.0	3.0	2.8	2.6	2.5	...	2.5	2.4	2.4	2.3	2.3	2.1	...	2.0	2.0	1.5	1.4	1.4	0.9	...	0.8	0.8	0.8	1.0	1.3	2.3	...	...
Hinton.....	2.1	...	1.9	1.8	1.9	2.1	2.0	...	...	1.8	1.6	1.6	1.6	1.6	1.9	...	1.7	1.7	1.6	1.5	1.4	1.4	...	1.5	1.4	1.4	1.4	1.4	1.4	...	...
Charleston.....	4.5	...	3.2	5.0	4.9	3.0	5.2	5.4	...	5.0	4.8	4.8	4.8	4.9	5.0	...	5.1	4.9	4.8	4.7	4.8	4.7	...	4.7	4.7	4.7	4.7	4.7	4.7	...	...
Pt. Pleasant.....	4.3	...	3.5	3.2	3.2	3.0	3.2	3.0	...	2.9	2.8	1.6	2.3	2.2	2.2	...	2.3	2.3	2.3	2.1	2.0	2.0	...	2.0	1.9	1.8	1.8	1.8	1.8	...	...
Portsmouth.....	8.0	...	6.9	6.4	6.0	5.9	5.6	5.6	...	5.5	5.4	5.0	4.7	4.4	4.1	...	4.1	4.1	4.1	4.0	3.8	3.5	...	3.3	3.3	3.2	3.1	3.0	3.0	...	...
Cincinnati.....	10.1	9.10	9.3	8.9	8.3	7.6	7.6	7.2	7.1	7.1	7.0	6.9	6.8	6.5	6.2	5.10	5.7	5.3	5.4	5.4	6.2	5.9	5.5	5.2	5.0	4.8	4.8	4.7	4.6	4.6	4.6
<b>JULY.</b>																															
Oil City.....	1.5	1.3	1.2	...	1.0	0.10	...	...	1.3	1.1	2.0	1.5	1.1	...	...	0.11	0.10	0.10	0.10	0.9	...	0.7	0.7	0.7	0.7	0.7	0.7	...	1.0	0.9	0.8
Brownsville.....	6.0	6.0	6.0	...	6.0	6.2	...	6.6	6.1	6.0	6.2	6.0	5.10	...	5.8	5.11	5.10	5.9	5.9	5.8	...	5.7	5.9	5.9	6.1	6.0	6.0	6.1	6.1	6.0	6.0
Pittsburgh.....	5.2	6.0	6.0	...	5.8	5.8	...	6.2	6.2	6.1	6.3	4.6	4.8	...	4.5	3.4	3.0	3.0	2.9	2.6	...	2.3	2.8	2.5	2.8	3.2	3.2	3.2	3.2	3.2	3.2
Wheeling.....	4.9	4.3	3.9	...	3.9	3.6	...	4.9	3.5	4.8	5.4	5.3	5.3	...	4.8	4.7	3.0	2.8	2.5	2.4	...	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Parkersburg.....	2.7	3.0	3.3	...	3.5	3.4	...	2.5	2.4	5.0	5.4	5.3	5.3	...	4.5	1.5	1.4	1.4	1.4	1.4	...	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Hinton.....	1.9	3.1	4.0	...	2.3	2.0	...	1.7	2.3	2.4	2.1	1.9	1.7	...	4.8	4.8	4.7	4.7	4.7	4.7	...	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Charleston.....	5.0	5.1	6.0	...	5.0	4.6	...	4.9	5.2	5.3	5.4	5.0	4.6	...	5.9	5.5	5.5	5.5	5.2	4.7	...	2.0	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Pt. Pleasant.....	2.6	2.8	3.1	...	4.9	3.8	...	3.0	2.9	2.7	4.7	4.2	3.8	...	5.9	5.5	5.5	5.5	5.2	4.7	...	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
Portsmouth.....	3.1	3.7	4.0	...	8.0	8.1	...	6.0	5.4	5.2	4.8	6.4	6.2	6.5	6.2	7.3	7.4	7.0	6.8	6.8	...	6.4	5.9	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
Cincinnati.....	4.6	4.9	4.9	4.11	5.6	7.5	8.8	9.2	8.4	7.3	6.8	6.4	6.2	6.6	6.6	7.2	7.3	7.0	6.8	6.8	7.0	6.4	5.9	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
<b>AUGUST.</b>																															
Oil City.....	0.8	0.7	...	...	0.6	0.6	0.8	1.10	1.7	1.4	...	1.0	1.8	1.8	1.9	1.0	0.11	...	0.10	0.8	0.9	0.9	0.8	0.8	...	0.7	0.6	0.6	0.6	0.6	0.6
Brownsville.....	6.0	6.0	6.0	...	5.10	5.8	5.0	5.9	5.8	5.7	...	5.6	5.6	5.6	5.5	5.6	...	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
Pittsburgh.....	3.3	3.3	3.3	...	2.6	2.5	2.6	2.7	2.8	2.8	...	3.5	3.2	3.1	3.0	2.9	2.9	...	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Wheeling.....	2.3	2.3	2.3	...	2.2	2.2	2.2	2.2	2.2	2.2	...	1.5	1.5	1.5	1.5	1.5	1.5	...	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Parkersburg.....	1.8	1.8	1.8	...	1.4	1.3	1.3	1.3	1.3	1.3	...	1.7	1.7	1.7	1.7	1.7	1.7	...	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Hinton.....	5.0	5.0	4.9	...	4.6	4.3	4.3	4.3	4.3	4.3	...	1.8	1.8	1.8	1.8	1.8	1.8	...	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Charleston.....	2.4	2.4	2.5	...	4.9	4.6	4.6	4.6	4.6	4.6	...	2.6	2.6	2.6	2.6	2.6	2.6	...	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Pt. Pleasant.....	6.0	6.4	6.0	...	4.9	4.6	4.6	4.6	4.6	4.6	...	3.6	3.6	3.6	3.6	3.6	3.6	...	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
Portsmouth.....	8.0	8.2	7.4	6.10	6.5	6.2	6.3	6.3	6.1	3.8	5.7	5.4	5.2	5.2	5.1	5.0	5.0	...	5.1	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
Cincinnati.....	9.0	8.2	7.4	6.10	6.5	6.2	6.3	6.3	6.1	3.8	5.7	5.4	5.2	5.2	5.1	5.0	5.0	...	5.1	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3

## DAILY STAGES OF WATER—Continued.

1895	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SEPTEMBER.																															
Oil City.....	...	...	4.10	4.11	4.11	4.11	4.11	...	0.5	0.4	0.5	0.5	2.3	0.9	...	0.7	0.7	0.6	0.7	1.1	0.10	...	0.7	0.8	0.6	0.6	0.6	...	...	...	...
Brownsville.....	...	...	3.9	3.9	3.6	3.6	3.6	...	5.3	5.3	5.6	5.8	5.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pittsburgh.....	...	...	1.8	1.8	2.0	2.0	2.3	...	2.1	1.9	1.8	1.8	1.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wheeling.....	...	...	1.0	1.4	1.4	1.4	1.3	...	1.8	1.2	1.2	1.4	1.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parkersburg.....	...	...	1.4	1.3	1.3	1.5	1.5	...	1.6	1.4	1.3	1.4	1.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hinton.....	...	...	4.8	4.5	4.3	4.9	4.8	...	5.3	4.8	4.9	4.7	4.6	4.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Charleston.....	...	...	2.0	1.8	1.8	1.7	1.6	...	1.8	2.3	1.9	1.8	1.6	1.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pt. Pleasant.....	...	...	3.9	4.1	4.1	4.1	3.8	...	3.3	3.3	4.0	4.2	3.6	3.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Portsmouth.....	...	...	6.0	5.5	5.2	5.1	5.5	...	5.5	5.3	5.2	5.0	4.8	5.0	5.5	4.9	4.8	4.5	4.3	4.6	4.7	4.6	4.3	4.2	4.4	4.6	4.2	3.9	3.10	3.9	
Cincinnati.....	6.5	6.0	5.5	5.2	5.2	5.1	5.5	5.5	5.3	5.2	5.0	4.8	5.0	5.4	5.5	4.9	4.8	4.5	4.3	4.6	4.7	4.6	4.3	4.2	4.4	4.6	4.2	3.9	3.10	3.9	
OCTOBER.																															
Oil City.....	0.5	0.5	0.5	0.5	0.5	...	0.4	0.4	0.4	0.4	0.4	0.4	...	0.2	0.2	0.3	0.2	0.3	0.3	...	0.2	0.2	0.2	0.2	0.1	0.1	...	...	...	...	
Brownsville.....	3.7	3.7	3.6	3.6	3.6	...	3.5	3.5	3.4	3.4	3.2	3.2	3.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pittsburgh.....	5.5	5.5	5.0	5.0	4.8	...	4.8	4.8	5.0	5.6	5.3	5.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wheeling.....	1.9	1.9	1.7	1.7	1.7	...	1.6	1.3	1.4	1.4	1.4	1.4	1.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parkersburg.....	0.9	0.6	1.5	1.4	1.4	...	1.6	1.7	1.6	1.4	1.4	1.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hinton.....	1.9	0.8	0.8	0.8	0.8	...	0.9	0.9	0.9	0.9	0.9	0.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Charleston.....	4.5	4.4	4.3	4.3	4.4	...	4.5	4.5	4.5	4.4	4.8	4.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pt. Pleasant.....	1.3	1.2	1.1	1.0	1.0	...	1.0	1.0	1.0	1.0	1.0	0.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Portsmouth.....	2.9	2.6	2.4	2.3	2.0	...	1.8	1.7	1.7	1.6	1.6	1.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cincinnati.....	4.4	4.4	4.3	4.1	4.0	3.8	3.5	3.4	3.2	3.1	3.0	3.0	2.11	2.9	2.8	2.8	2.7	2.6	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.4	2.4	
NOVEMBER.																															
Oil City.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brownsville.....	3.1	3.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pittsburgh.....	6.0	6.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wheeling.....	0.6	0.8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parkersburg.....	0.7	0.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hinton.....	4.7	4.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Charleston.....	1.3	1.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pt. Pleasant.....	0.7	0.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Portsmouth.....	1.3	1.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cincinnati.....	2.4	2.4	2.5	2.4	2.5	2.4	2.4	2.4	2.5	2.9	2.5	2.5	2.8	3.1	3.0	3.0	3.0	3.2	3.6	3.8	4.3	3.5	3.4	3.3	4.9	5.2	4.8	4.6	4.5	4.3	4.3
DECEMBER.																															
Oil City.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brownsville.....	2.3	4.0	5.8	5.7	5.8	...	3.2	2.11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pittsburgh.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wheeling.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parkersburg.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hinton.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Charleston.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pt. Pleasant.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Portsmouth.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cincinnati.....	4.5	5.3	9.8	11.3	10.9	10.0	9.4	8.10	8.8	9.3	9.7	9.4	8.8	9.2	7.9	7.5	7.2	6.8	6.5	6.5	5.9	5.6	5.3	5.2	5.6	5.6	5.1	4.7	4.6	4.5	4.3

# THE AVERAGE RELATIVE HUMIDITY AT CINCINNATI,

With the monthly and yearly means, and the amount of rainfall and melted snow, together with the number of clear, fair, cloudy and rainy days, and mean of warmest and coldest days, for the calendar year ending December 31, 1895, with totals and averages, and the average temperature and precipitation for the same:

MONTHS.	RELATIVE HUMIDITY.					WEATHER.										DEW POINT.					
	Monthly Mean.	Highest during Month.	Lowest during Month.	Monthly Range.	Rainfall and melted snow (inches).	Number of clear days.	Number of fair days.	Number of cloudy days.	No. of days on which rain or snow fell.	Mean of warmest days.	Dates.	Mean of coldest days.	Dates.	Greatest daily range of temperature.	Least daily range of temperature.	Mean temperature 1895, excess (+) or deficiency (-).	Average precipitation for twenty years.	Precipitation 1895, excess (+) or deficiency (-).	7 A. M.	7 P. M.	Mean.
January.....	78	100	43	57	6.13	10	7	14	15	49	21	6	12	30	3	-5.6	3.46	+2.65	19	22	21
February.....	76	100	40	60	0.37	16	8	4	6	58	28	5	8	26	4	-12.9	3.62	3.45	14	17	16
March.....	67	100	33	67	1.51	13	7	11	10	68	30	25	14, 15, 16	43	5	-2.0	3.49	1.96	28	31	29
April.....	66	96	27	69	2.62	15	5	5	14	71	30	36	2, 3	32	3	+1.7	3.06	0.46	40	44	42
May.....	60	91	29	62	1.82	13	13	5	9	81	31	42	14, 15	33	8	+0.9	3.49	1.67	49	47	48
June.....	53	92	28	64	2.15	20	6	4	4	84	3	66	7	26	5	+3.3	4.54	2.39	57	56	57
July.....	59	90	23	67	2.27	11	15	5	10	84	17, 19, 20	65	10, 31	26	7	+2.5	3.06	0.81	59	57	58
August.....	57	92	25	67	3.29	16	11	4	8	86	18	65	20	31	6	+4.6	4.05	0.76	59	57	58
September.....	57	94	30	64	0.49	19	7	4	4	86	5	48	30	28	6	+5.8	2.37	1.88	55	54	54
October.....	53	91	14	77	0.73	20	7	4	6	64	6	36	29, 30	34	4	+1.1	2.73	2.00	32	30	31
November.....	71	98	42	56	4.66	8	8	9	11	65	7	30	21, 27	34	4	+0.7	3.38	1.28	32	35	34
December.....	74	94	42	52	3.29	5	9	17	13	58	19, 20, 24	19	5	25	4	+0.09	3.38	0.09	28	30	29
Totals.....	771	1134	344	762	29.33	166	103	96	110	....	....	....	....	....	....	-19.0	40.89	-11.56	472	480	477
Averages, etc.....	64	100	14	77	2.44	....	....	....	....	....	....	....	....	43	3	....	3.41	....	89	40	40

NOTE.—Highest humidity during the year was 100°; lowest, 14°; annual range, 77°. Mean of coldest day, 6°, January 12th; warmest, 86°, August and September 18th.





# BAROMETRICAL AND THERMOMETRICAL CONDITIONS AT CINCINNATI,

For the calendar year ending December 31, 1895, with averages :

MONTHS.	* BAROMETER (INCHES).						THERMOMETER (DEGREES).											
	Monthly Mean.	Mean at 7 A. M.	Mean at 7 P. M.	Highest Observed.	Dates.	Lowest Observed.	Dates.	Monthly Range.	Monthly Mean.	Mean at 7 A. M.	Mean at 7 P. M.	† Maximum.	Dates.	† Minimum.	Dates.	Monthly Range.	Mean of Maximum.	Mean of Minimum.
January.....	30.095	30.108	30.082	30.587	8	29.315	25	1.252	28.6	23.6	29.3	60	21	-10	12	70	33.5	19.8
February.....	30.214	30.230	30.198	30.584	15	29.637	28	0.931	23.8	18.3	27.1	67	28	-12	8	79	30.8	16.7
March.....	30.070	30.088	30.052	30.406	22	29.536	1	0.870	40.8	35.8	43.7	84	29	30	16	64	49.1	32.5
April.....	30.006	30.034	29.978	30.486	11	29.596	7	0.890	55.4	49.6	59.6	82	25	31	3	51	64.5	46.2
May.....	30.087	30.095	30.089	30.347	22	29.726	26	0.621	63.6	38.8	67.8	92	31	36	14	56	73.1	54.2
June.....	30.056	30.090	30.022	30.390	7	29.827	13	0.563	75.8	71.5	80.6	97	3	54	7	43	85.5	66.2
July.....	30.017	30.044	29.990	30.290	3	29.725	7	0.555	78.0	70.3	78.9	95	19	35	10	40	84.0	66.1
August.....	29.974	30.008	29.941	30.158	22	29.756	6	0.402	77.2	71.0	81.5	96	18	54	21	42	87.2	67.1
September.....	30.074	30.104	30.043	30.272	24	29.825	9	0.447	65.9	43.4	54.9	95	18	41	30	54	82.5	63.0
October.....	30.134	30.159	30.110	30.576	30	29.742	7	0.834	51.2	43.4	54.9	74	3, 4	27	30	47	61.2	41.1
November.....	30.183	30.193	30.173	30.570	25	29.552	25	1.018	44.2	39.2	45.9	78	7	22	27	56	52.6	35.7
December.....	30.106	30.108	30.105	30.416	16	29.697	26	0.719	37.3	34.4	39.0	64	20	14	5	50	43.5	31.1
Yearly Means.....	30.088	30.105	30.061	.....	....	.....	....	0.758	53.6	48.5	57.1	....	....	....	....	54	62.3	45.0

\* Barometer reduced to sea-level. Elevation of Barometer above sea-level, 628 feet. Highest observed by Barometer, 30.576 inches, October 30th.

Lowest observed by Barometer, 29.315 inches, January 23th. Range of Barometer, 1.261 inches.

† Self-registering instruments. Range of Thermometer, 109°. Maximum of Thermometer, 97°, June 3d. Minimum of Thermometer, -12°, February 8th.

## WEATHER SUMMARY.

A very full history of weather conditions, at Cincinnati, is shown in the accompanying exhibits, covering a wide range of observations, (thermometrical, barometrical, etc.,) prepared especially for the Chamber of Commerce, by Mr. A. A. BRAND, Observer U. S. Weather Bureau, from data collected by the Government at this station, and furnished by Mr. S. S. BASSLER, Local Forecast Official:

### METEOROLOGICAL DATA FOR THE YEAR ENDING DECEMBER 31, 1895.

#### TEMPERATURE.

Mean temperature of the year, 53.6°.  
Maximum temperature of the year, June 3d, 97°.  
Minimum temperature of the year, February 8th, -12°.  
Range of temperature, 109°.  
Mean of the coldest month, February, 23.8°.  
Mean of the coldest days, January 12th, -6°.  
Mean of the warmest month, August, 77.2°.  
Mean of the warmest days, August 18th and September 18th, 86°.  
Greatest monthly range, February, 79°.  
Least monthly range, July, 40°.  
Greatest daily range, March 29th, 43°.  
Least daily range, January 26th and April 2d, 3°.  
Mean temperature of autumn, 56.1°.  
Mean temperature of winter, 29.2°.  
Mean temperature of spring, 53.3°.  
Mean temperature of summer, 76°.

#### BAROMETRIC OBSERVATIONS.

Mean barometer for the year, 30.063 inches.  
Highest barometer for the year, October 30th, 30.576 inches.  
Lowest barometer for the year, January 25th, 29.315 inches.  
Annual range of the barometer for the year, 1.261 inches.  
Highest monthly mean barometer, February, 30.214 inches.  
Lowest monthly mean barometer, August, 29.974 inches.  
Greatest monthly range of barometer, January, 1.252 inches.  
Least monthly range of barometer, August, .402 inches.

#### WINDS.

Prevailing direction of wind, southeast.  
Total movement of wind, 65,329 miles.  
Greatest monthly movement of wind, March, 7,308 miles.  
Least monthly movement of wind, June, 4,457 miles.

Greatest daily velocity of wind, November 26th, 487 miles.

Least daily velocity of wind, July 4th, 61 miles.

Mean hourly velocity of wind, 7.4 miles.

#### RAIN.

Total rainfall for year, 29.33 inches.

Total rainfall for autumn, 5.88 inches.

Total rainfall for winter, 9.79 inches.

Total rainfall for spring, 5.95 inches.

Total rainfall for summer, 7.71 inches.

#### HUMIDITY.

Mean relative humidity for the year, 64 per cent.

Driest month, June and October, 53 per cent.

Dampest month, January, 78 per cent.

#### GENERAL OBSERVATIONS.

First light frost, September 28th.

First killing frost, September 30th.

First snow, November 20th.

First thunderstorm of calendar year, January 5th.

Last snow, April 2d.

Last frost, May 22d.

Total snowfall for the year, 33.5 inches.

#### MONTHLY CHARACTERISTICS.

*January, 1895.*—Mean temperature, 5.6 degrees below the normal. The 12th was the coldest day of the year with a mean temperature of —6 degrees. Greatest daily range, 30 degrees; least, 3 degrees. Precipitation, major portion of which fell during first half of month, was 2.65 inches above the normal. An excessive rain of 3.57 inches occurred on the 6th and 7th, this being not only the heaviest twenty-four-hour fall during the year, but also the heaviest ever recorded at Cincinnati since the establishment of the Weather Bureau in 1871. Prevailing direction of wind, southwest. Average hourly velocity during month, 8.9 miles. Snowfall during the month, 17.9 inches. Sunshine, 42 per cent. of possible. Foggy on the 6th, 17th and 29th.

*February, 1895.*—Mean temperature, 12.9 degrees below the normal. The lowest temperature of the year, —12 degrees, occurred on the 8th. From the 1st to the 17th, inclusive, the mean temperature was continuously below freezing. Greatest daily range, 26 degrees; least, 4 degrees. Comparatively a dry month, the total precipitation being only .37 inch, which was 3.45 inches below the normal. Greatest twenty-four-hour fall, .22 inch, on the 6th and 7th. Prevailing direction of wind, northwest. Average hourly velocity during month, 8.4 miles. Snowfall during month, 5.1 inches. Sunshine, 64 per cent. of possible. Foggy on the 1st, 11th, 15th and 26th. Solar halo the 3d, and lunar halos on the 3d and 4th.

*March, 1895.*—Mean temperature, 2 degrees below the normal. Some remarkable high temperature were, however, recorded on the closing days of the month; the maximum temperature of 84 degrees on the 29th, being the highest temperature ever recorded during any March at Cincinnati, since the establishment of this bureau. Greatest daily range, 43 degrees; least, 5 degrees. Precipitation, 1.98 inches below the normal. Greatest twenty-four-hour fall, .54 inch, on the 14th and 15th. Prevailing direction of wind, northwest. Average hourly velocity during month, 9.8 miles. Snowfall during month, 3.5 inches. Sunshine, 57 per cent. of possible. Thunderstorm on the 15th. Foggy on the 6th, 7th, 8th and 12th.

*April, 1895.*—Mean temperature, 1.7 degrees above the normal. Greatest daily range, 32 degrees; least, 3 degrees. Precipitation, .46 inches below the normal. Greatest twenty-four-hour fall, 1.24 inches, on the 1st.

Prevailing direction of wind, southeast. Average hourly velocity during month, 7.8 miles. Snowfall during the month, trace. Sunshine, 63 per cent. of possible. Hall on the 14th. Foggy on the 15th.

*May, 1895.*—Mean temperature, .9 degree below the normal. Greatest daily range, 33 degrees; least, 8 degrees. Precipitation, 1.67 inches below the normal. Greatest twenty-four-hour fall, .51 inch, on the 2d. Prevailing direction of wind, southeast. Average hourly velocity during month, 6.4 miles. Sunshine, 72 per cent. of possible. Thunderstorms on the 2d, 6th, 10th, 11th, 13th and 26th. Light frosts on the 12th, 13th, 15th, 17th, 21st and 22d.

*June, 1895.*—Mean temperature, 3.3 degrees above the normal. Highest temperature of the year, 97 degrees, occurred on the 3d. Greatest daily range, 29 degrees; least, 5 degrees. Precipitation, 2.39 inches below the normal. Greatest twenty-four-hour fall, 1.17 inches, on the 4th and 5th. Prevailing direction of wind, southeast. Average hourly velocity during month, 6.2 miles. Sunshine, 86 per cent. of possible. Thunderstorms on the 4th and 26th.

*July, 1895.*—Mean temperature, 2.5 degrees below the normal. Maximum temperatures recorded for the 16th to 22d, inclusive, ranged above 90 degrees. Greatest daily range, 26 degrees; least, 7 degrees. Lowest temperature recorded during the last ten days of any July occurred on the 31st, when a minimum temperature of 55 degrees was attained. Precipitation, .81 inch below the normal. Greatest twenty-four-hour fall, 1.03 inches, on the 7th and 8th. Prevailing direction of wind, southwest. Average hourly velocity during month, 6.2 miles. Sunshine, 80 per cent. of possible. Thunderstorms on the 7th, 15th, 20th and 22d.

*August, 1895.*—Mean temperature, 2.7 degrees above the normal. Maximum temperatures from the 14th to 18th, inclusive, ranged from 90 to 96 degrees. Greatest daily range, 31 degrees; least, 6 degrees. Precipitation, .76 inch below the normal. Greatest twenty-four-hour fall, 1.98 inches, on the 26th and 27th. Prevailing direction of wind, southwest. Average hourly velocity during month, 6.2 miles. Sunshine, 85 per cent. of possible. Thunderstorms on the 10th, 11th, 26th, 27th, 29th and 30th. Foggy on the 21st.

*September, 1895.*—Mean temperature, 4.6 degrees above the normal. Maximum temperatures for the 18th to 22d, inclusive, ranged above 90 degrees; the 18th, with a mean temperature of 86 degrees, being one of the warmest days of the year. Highest temperatures ever recorded since the establishment of this bureau at Cincinnati, during the latter half of any September, occurred on the 18th, 20th and 22d, on which dates a maximum temperature of 96 degrees was reached. Greatest daily range, 28 degrees; least, 7 degrees. A comparatively dry month, entire amount of precipitation, .49 inch, being 1.88 inches below the normal. Greatest twenty-four-hour fall, .29 inch, on the 26th. Prevailing direction of wind, southeast. Average hourly velocity during month, 6.8 miles. Sunshine, 86 per cent. of possible. Thunderstorms on the 4th, 9th, 16th and 26th. Light frost on the 28th. Killing frost on the 30th. Solar halo on the 1st.

*October, 1895.*—Mean temperature, 5.3 degrees below the normal. Greatest daily range, 34 degrees; least, 6 degrees. Precipitation, 2 inches below the normal. Greatest twenty-four-hour fall, .26 inch, on the 11th. Prevailing direction of wind, northwest. Average hourly velocity during month, 7.3 miles. Sunshine, 84 per cent. of possible. Thunderstorm on the 11th. Foggy on the 13th, 23d, 24th and 31st. Lunar halo the 30th, and lunar coronas on the 4th and 31st.

*November, 1895.*—Mean temperature, 1.7 degrees below the normal. Greatest daily range, 34 degrees; least, 4 degrees. The highest temperature ever recorded at this station during the first ten days of any November occurred on the 7th, when a maximum temperature of 78 degrees was recorded. Precipitation, 1.23 inches above the normal. Greatest twenty-four-hour fall, 1.97 inches, on the 8th and 9th. Prevailing direction of wind, southeast. Average hourly velocity during month, 7.2 miles. The highest maximum velocity recorded during the year occurred on the 26th, when a velocity of 48 miles per hour was reached. Snowfall during month, .2 inches. Sunshine, 41 per cent. of possible. First snow of the season occurred on the 20th. Foggy on the 1st, 2d and 17th. Lunar halo on the 4th.

*December, 1895.*—Mean temperature, .1 degree above the normal. Greatest daily range, 25 degrees; least, 4 degrees. Precipitation, .09 inch below the normal. Greatest twenty-four-hour fall, 1.42 inches, on the 25th and 26th. Prevailing direction of wind, southeast. Average hourly velocity during month, 8.1 miles. Snowfall during month, 6.8 inches. Sunshine, 33 per cent. of possible. Foggy on the 10th and 15th. Lunar corona on the 3d.

## POPULATION OF THE UNITED STATES.

Population of the United States by States and Divisions, and Total and Urban Population, in 1890, and the Increase in each, compared with 1880:

STATES AND TERRITORIES.	TOTAL POPULATION.		URBAN POPULATION.		NUMBER OF CITIES AND PERCENTAGE OF URBAN OF TOTAL POPULATION.			
	1890	1880	1890	1880	1890		1880	
Total Population of United States.....	62,622,250	50,155,783	18,235,670	11,318,547	443	29.12	286	22.57
North Atlantic Division.....	17,401,545	14,507,407	8,976,426	6,254,096	195	51.58	137	43.11
Maine.....	661,086	648,936	130,346	87,100	8	19.72	5	13.42
New Hampshire.....	376,580	346,981	103,058	76,200	5	27.37	5	21.96
Vermont.....	382,422	332,286	26,350	21,500	2	7.93	2	6.47
Massachusetts.....	2,238,943	1,788,085	1,564,931	1,042,039	47	69.90	33	58.44
Rhode Island.....	345,506	276,581	272,571	175,500	10	78.89	6	63.46
Connecticut.....	746,258	622,700	377,483	266,100	16	50.58	13	42.73
New York.....	5,997,853	5,082,871	3,568,706	2,591,267	43	59.50	33	50.98
New Jersey.....	1,444,933	1,131,116	780,978	485,650	20	54.06	12	43.82
Pennsylvania.....	5,258,014	4,282,891	2,152,051	1,496,740	44	40.93	28	34.99
South Atlantic Division.....	8,857,920	7,597,197	1,420,455	942,387	36	16.04	23	12.40
Delaware.....	168,493	146,608	61,431	42,478	1	36.46	1	28.97
Maryland.....	1,042,390	984,943	465,479	351,665	4	44.65	3	37.61
District of Columbia.....	230,392	177,624	230,392	159,871	1	100.00	2	90.01
Virginia.....	1,655,980	1,512,565	221,965	148,230	9	13.40	6	9.80
West Virginia.....	762,794	618,457	53,529	30,737	3	7.02	1	4.97
North Carolina.....	1,617,947	1,399,750	62,544	26,615	5	3.87	2	1.90
South Carolina.....	1,151,149	995,577	78,915	60,020	3	6.86	2	6.03
Georgia.....	1,837,353	1,542,180	199,169	112,881	7	10.84	5	7.32
Florida.....	391,422	269,493	47,031	9,890	3	12.02	1	3.67
North Central Division.....	22,362,279	17,364,111	5,791,272	3,024,679	152	25.90	95	17.42
Ohio.....	3,672,316	3,198,062	1,159,348	745,894	29	31.57	20	23.32
Indiana.....	2,192,404	1,978,301	400,567	244,063	18	18.27	11	12.34
Illinois.....	3,626,351	3,077,871	1,483,324	732,021	24	39.77	18	23.78
Michigan.....	2,093,889	1,636,937	546,095	271,566	20	26.08	12	16.59
Wisconsin.....	1,686,880	1,315,497	424,546	212,431	17	25.17	9	16.15
Minnesota.....	1,301,826	780,773	369,315	107,623	6	28.37	4	13.78
Iowa.....	1,911,896	1,624,615	269,230	152,578	12	14.08	10	9.39
Missouri.....	2,679,184	2,168,380	703,743	459,369	8	26.27	5	21.18
North Dakota.....	182,719	36,909	.....	.....	.....	.....	.....	.....
South Dakota.....	329,808	98,268	10,177	.....	1	3.10	.....	.....
Nebraska.....	1,058,910	452,402	259,048	43,521	8	24.46	2	9.62
Kansas.....	1,427,096	996,096	165,879	55,613	9	11.62	4	5.58
South Central Division.....	10,972,893	8,919,371	1,147,147	678,708	37	10.45	20	7.55
Kentucky.....	1,858,635	1,648,690	276,733	198,603	7	14.89	5	12.05
Tennessee.....	1,767,518	1,542,359	202,337	99,527	5	11.45	4	6.45
Alabama.....	1,513,017	1,262,505	89,013	45,845	4	5.88	2	3.63
Mississippi.....	1,289,600	1,131,597	34,098	11,814	3	2.64	1	1.04
Louisiana.....	1,118,587	939,946	264,496	224,099	3	23.65	2	23.84
Texas.....	2,235,523	1,591,749	225,247	80,682	11	10.08	5	5.07
Indian Territory.....	.....	.....	.....	.....	.....	.....	.....	.....
Oklahoma.....	61,834	.....	.....	.....	.....	.....	.....	.....
Arkansas.....	1,126,179	802,525	55,223	13,138	4	4.89	1	1.64
Western Division.....	3,027,613	1,767,697	900,370	423,677	23	29.74	11	23.97
Montana.....	132,159	39,159	24,557	.....	2	18.58	.....	.....
Wyoming.....	60,705	20,789	11,690	.....	1	19.26	.....	.....
Colorado.....	412,198	194,327	153,623	50,449	4	37.27	2	25.96
New Mexico.....	153,593	119,565	.....	.....	.....	.....	.....	.....
Arizona.....	59,620	40,440	.....	.....	.....	.....	.....	.....
Utah.....	207,905	143,963	59,732	20,768	2	28.73	1	14.43
Nevada.....	45,761	62,266	.....	10,917	.....	.....	1	17.53
Idaho.....	84,385	32,610	.....	.....	.....	.....	.....	.....
Alaska.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington.....	349,390	75,116	98,765	.....	3	28.27	.....	.....
Oregon.....	313,767	174,768	56,917	17,577	2	18.14	1	10.06
California.....	1,208,130	864,694	495,086	323,966	9	40.98	6	37.47

RULES AND REGULATIONS  
OF THE  
CINCINNATI CHAMBER OF COMMERCE  
AND  
MERCHANTS' EXCHANGE.





\* RULES  
FOR THE  
REGULATION OF THE DAILY SESSIONS  
OF THE  
CINCINNATI CHAMBER OF COMMERCE.

IN FORCE JUNE 1, 1896.

RULE 1. The doors of the Exchange Hall shall be opened at 10 o'clock A. M. and closed at 2:30 P. M., city time, except on Sundays, legal holidays, and days on which an adjournment may have been effected, when the Hall will be closed.

†RULE 2. The daily sessions of the Association shall be held between 11:30 A. M. and 1 o'clock, P. M., city time, except on Saturdays, when the session shall be held between 10 o'clock, A. M., and 12 o'clock, noon.

‡RULE 3. Visitors who are non-residents of Cincinnati and the adjacent cities, may be admitted to the Exchange Hall after 10 o'clock A. M. when introduced by a member of the Association; but no person shall be admitted more than seven times, within three months, except upon the approval of a member of the Board of Directors for each admission. All persons, so introduced, must consider themselves amenable to the Rules of the Chamber of Commerce, and will not be permitted to transact any business. Any violation of this rule will make the member introducing such party liable to the payment of the sum of twenty-five dollars for each offense. A book shall be kept, in which the names of all visitors, with their places of residence, and the names of the persons introducing them, shall be daily registered, the same to be open to the inspection of members.

RULE 4. Pastors of Churches in Cincinnati and adjacent cities, on application of members of their respective congregations who are members of this Association, the Judges of the Courts, the Mayor, the heads of Charitable Institutions, not engaged in business of any kind, and Officers of the U. S. Army and Navy, stationed here, in the discretion of the President, and such other distinguished citizens as may be authorized by the Board of Directors, may have issued to them complimentary tickets of admission to the Exchange Hall, good until the close of the calendar year for which they are issued. A complete record of all such tickets shall be kept; but in no case shall persons so admitted be allowed to transact any business, and any violation of this regulation shall be good cause for the withdrawal of such tickets.

§RULE 5. The Hall may be used by auctioneers, who are members of the Chamber of Commerce, for the sale of stocks, bonds, and other property coming under the rules of the Chamber of Commerce, at 1:30 P. M., but, in every case, the consent of five members of the Board of Directors must be secured for such sale, and notice must be placed on the bulletin-board before 1 o'clock of the day preceding. In the case of stocks, bonds, etc., notice must state specifically the number and character of such securities. In the case of whisky, no lot shall be offered of less than twenty-five barrels of one age and brand. The sale must begin within five minutes of the time published, except when more than one sale has been announced, when the sales shall immediately follow in the

\* Adopted February 5, 1889, save as to Rule 16, which had been adopted January 23 preceding; and as to the rental of sample desks (Rule 10), the rates of which were changed from \$10.00 to \$5.00, April 23, 1889.

† As amended May 5, 1896.

‡ As amended February 5, 1895.

§ As amended December 5, 1893.

order of application. No modification of the terms of sale or character of the stocks, etc., as advertised, shall be allowed, nor shall a larger quantity of stocks, etc., be sold than advertised; but nothing shall be construed herein to prevent such securities being in whole or in part withdrawn. This rule, however, must not be construed to apply to sales "on account of whom it may concern," under the rules for the regulation of the various departments of trade.

**RULE 6.** The soliciting of money for any object, on the floor of the Exchange, will not be allowed.

**RULE 7.** Newspapers on the files must not be mutilated under any circumstances.

**RULE 8.** On the death of a member, notice of the same shall, in all cases, be placed on the obituary bulletin-board; and, at the request of five members, public announcement may be made by the President of the Association, and such action taken as may be regarded desirable.

**RULE 9.** No advertisements of any kind shall be displayed upon the walls of the Exchange Hall or other rooms occupied by the Association.

**RULE 10.** Sample desks shall be provided in the Exchange Hall, the rental for which shall be \$5 per annum, payable in advance. The choice for such desks shall be sold at auction, at such time after the occupation of the new building as may be named by the Board of Directors, and thereafter at such times as said Board may authorize, after the expiration of three years. All samples of grain and flour must be placed in the drawers after the close of 'Change.

**RULE 11.** Persons shall not be permitted to congregate in the lobby nor in the approaches to the same.

**RULE 12.** The throwing of dough, flour, grain, or other missiles will not be permitted in the Exchange Hall.

**RULE 13.** No person shall appear in his shirt sleeves in the Exchange Hall.

**RULE 14.** No member will be permitted to bring a case before the Board of Directors, or any of the Committees, when he is in arrears for membership dues, desk rent, or fees of any kind.

**RULE 15.** No person who has been denied membership shall be admitted to the courtesies of the rooms of the Association for a period of six months.

**\*RULE 16.** Smoking in the Exchange Hall, and in the approaches to the same, is forbidden between the hours of 11:30 A. M. and 1:30 o'clock, P. M., excepting on Saturdays, the time excepted shall be from 10:30 o'clock, A. M., to 11:30 o'clock, A. M. Smoking will be allowed in the apartment known as the Reading Room during the time it is prohibited in the Exchange Hall.

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\* As amended May 5, 1896.

RULES AND REGULATIONS  
OF THE  
CINCINNATI CHAMBER OF COMMERCE  
AND  
MERCHANTS' EXCHANGE,  
FOR THE  
GOVERNMENT OF VARIOUS DEPARTMENTS OF TRADE.

IN FORCE JUNE 1, 1896.

RULES REGARDING SALES OF HIGHWINES.

**RULE 1.** Sales of Highwines made "subject to the market," must not be entered with the price affixed. In order to avoid duplication in the sale of Highwines, the person reporting such sale will furnish the name of both buyer and seller, together with the brand of the same.

**RULE 2.** No sales, aside from those actually made at a fixed price, and for cash, shall in any way affect the market price—by cash being understood, payment the second day after delivery.

**RULE 3.** Each and every sale of Highwines shall be entered separately.

\* **RULE 4.** Highwines sold to arrive must be entered with the condition annexed, but shall not affect the market price, but any seller of Highwines, when the terms of sale require delivery at the store of the buyer, can, if mutually agreed, have until noon of the following day to deliver; provided, such Highwines are actually in bond, and the sale is made during 'Change hours, and such a sale shall not be held to be a sale to arrive.

**RULE 5.** Highwines thirty days old and older shall be quoted as "old" Highwines, without price affixed.

**RULE 6.** When Highwines are engaged subject to agreement in price, the price may be settled on arrival and quoted.

**RULE 7.** Transactions between Highwine Commission Merchants, or between Distillers, or between Distillers and Highwine Commission Merchants, can not be quoted; nor can those between Rectifiers or Wholesale Dealers, or Rectifiers and Wholesale Dealers.

**RULE 8.** Sales made after sounding of the gong can not be quoted on the same day.

**RULE 9.** The majority of actual sales at a fixed price, not excepted as heretofore, shall make the market price.

**RULE 10.** Where there are no actual transactions at a fixed price reported, all settlements of sales "at the market," shall be at the price of the previous day.

**RULE 11.** All Highwines shall be gauged on the day of sale.

† **RULE 12.** The quotations on the books of the Chamber, of sales of Highwines and whisky, shall be for sales, in the re-inspection of which, at the buyer's house, there shall be used the United States Government instruments and manual, and exact fractions shall be computed down to tenths.

‡ **RULE 13.** *Distillers' Finished Goods.*—Distillers can quote their aggregate sales of finished goods on any one day by giving the total number of barrels, and the basis price on which such sales are made, or, if based on different prices, the total number of barrels at each basis. Sales can not be quoted after the sounding of the gong; and the majority of the sales at a certain basis shall make the Distillers' basis for the day.

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\* As amended November 22, to take effect December 1, 1879.

† Adopted January 14, 1880.

‡ Adopted June 7, 1887.

\*RULES FOR THE REGULATION OF THE GRAIN TRADE IN CINCINNATI

RULE I.—COMMITTEE ON GRAIN INSPECTION.

SECTION 1, R. 1.—*Appointment of.*—The Board of Directors shall annually, in the month of October, appoint a Committee on Grain Inspection, consisting of five (5) members, and all of whom shall be dealers in grain.

SEC. 2, R. 1.—*Duties of Committee.*—It shall be the duty of the Committee on Grain Inspection to hear, consider and determine all disputes, differences and controversies arising between members of the grain trade growing out of contracts made under the rules regulating the grain trade of Cincinnati that may be voluntarily submitted to it, and to discharge all such other duties as may be imposed upon it by the rules and regulations of the Chamber of Commerce of Cincinnati.

SEC. 3, R. 1.—*Quorum.*—Three members of the Committee on Grain Inspection shall constitute a quorum for the transaction of business.

SEC. 4, R. 1.—*Temporary Vacancies Filled.*—All temporary vacancies in the Committee on Grain Inspection when it has met for the transaction of business may be filled by the quorum of members present, if so requested, by both parties, and shall be filled by the President of the Chamber of Commerce, if either of said parties litigating request it, before the case is stated. Such temporary appointees shall sit on said committee only during the absence or other inability of the committeemen to be present and serve. Providing that said temporary appointees shall not retire from said committee during a trial or the hearing of any matter then before it—although the regular committeeman shall appear and be ready to serve—and that all such vacancies shall be filled by members representing the same business as the absent members of the committee.

SEC. 5, R. 1.—*How Controversies Submitted to the Committee.*—Any party who desires to submit any controversy under the rules regulating the grain trade of Cincinnati to the Committee on Grain Inspection for determination, shall file with the said committee a written statement of his claim, which statement must contain—

1. The name of the firm or parties making the complaint, and who shall be known as the "complainants;"
2. The name of the firm or parties against whom the complaint is made, and who shall be known as the "respondents;"
3. A statement of the facts constituting the cause of complaint in ordinary and concise language;
4. A demand of the relief to which the party supposes himself entitled.

This written statement shall be known as the "petition," and no other written statement shall be required to be filed by either complainant or respondent.

SEC. 6, R. 1.—*Notice of Time of Hearing.*—Upon said petition named in Section 5 of this rule being filed, it shall be the duty of said committee to give notice of the time and place set for the hearing of said case. Such notice shall give the names of the parties, complainant and respondent, and shall succinctly state the cause of complaint and the relief demanded. This notice shall be served upon the parties in the manner provided for by Section 1 of Rule XIV.

SEC. 7, R. 1.—*Adjournments.*—The committee may, at its discretion, adjourn the time for the hearing of any case, and, after the hearing has commenced, may adjourn from time to time the further hearing thereof to such time as it may deem best.

SEC. 8, R. 1.—*Trial.*—On the trial of any case before said committee, the complainant, or any one of them, if more than one, shall first state his case fully and the evidence by which he proposes to sustain his case, giving the names of the witnesses and what he believes each witness will testify to. The respondent, or any one of them, if more than one, shall then state his answer fully, and what he claims in the transaction, and the evidence by which he proposes to sustain his side of the case, giving the names of the witnesses and what he believes each witness will testify to. The decision of a majority of the committee present and trying the case shall be held as valid and binding, and shall be entered of record in the records of said committee.

\* Adopted by the Board of Directors, March 20, 1883, to take effect April 15, 1883.

SEC. 9, R. 1.—*Notice of Decision.*—Written notice of any final decision rendered by said committee shall be given to the parties, complainant and respondent, immediately upon the rendering of the same.

SEC. 10, R. 1.—*Appeal and Notice Thereof.*—Any party to the controversy who may feel aggrieved by the final decision of the Committee on Grain Inspection may appeal the case to the Committee of Arbitration within three days after the delivery of the decision. Notice of said appeal must be made to the Superintendent in writing by the party appealing.

SEC. 11, R. 1.—*Record.*—The Committee on Grain Inspection shall keep a record of its proceedings, and shall leave the same with the Superintendent of the Chamber of Commerce. Said record may be inspected by any member upon application to the said Superintendent.

## RULE II.—INSPECTOR OF GRAIN.

SECTION 1, R. 2.—*Appointment and Duties.*—The Board of Directors shall annually, on the second Tuesday in October, or in case of failure to appoint at that time, at any meeting thereafter, appoint a suitable and competent person as Inspector of Grain.

SEC. 2, R. 2.—*Duties of Inspector.*—It shall be the duty of the Inspector to inspect, sample and grade, according to the classifications which may be adopted, from time to time, by the Chamber of Commerce, all grain received in this city, in bulk, except corn on the ear, and grain in transitu, and also except consignments to parties, who, on application to the Inspector, may direct him not to inspect their bulk grain without special instructions; and to inspect any other grain when called on to do so by the consignee or purchaser; also, all grain sent by transportation lines, to be stored in elevators or public warehouses, without the consent or knowledge of the consignees. He shall also furnish samples, with grading and car numbers, to consignees, when desired. Inspection to be at the expense of the receiver or consignee.

SEC. 3, R. 2.—*Access to Grain Inspected.*—The Inspector shall have free access to all grain that has been inspected by him, stored in any warehouse or elevator; and when such grain is to be removed from such warehouse or elevator, shall, when called upon so to do by any party interested, re-inspect the same.

SEC. 4, R. 2.—*Certificate of Inspection.*—A certificate of inspection shall be furnished when required by the party ordering the inspection.

SEC. 5, R. 2.—*Inspection of Grain sold by Sample.*—Upon any difference of opinion between buyer and seller, when grain has been sold by sample, the Inspector may be called upon to determine the same in manner provided for by Section 4 of Rule VII.

SEC. 6, R. 2.—*When not to Inspect Grain.*—The Grain Inspector shall not inspect grain at any elevator or warehouse, or for any party, unless the proprietor or manager of such elevator or warehouse, or other party desiring his services, shall conform to the rules in reference to inspections established by the Chamber of Commerce.

SEC. 7, R. 2.—*Inspector not to Trade, etc.*—The Grain Inspector shall not be allowed to trade in any article of which he is the Inspector.

SEC. 8, R. 2.—*Fees of Inspector.*—The fees of the Inspector shall be as follows:

Thirty (30) cents per car, and fifty (50) cents per midship of canal boats, to all who shall give him permission to inspect all their consignments of bulk grain.

In sacks, the charge may be one (1) cent per sack, for the first one hundred sacks, and one-half ( $\frac{1}{2}$ ) cent per sack for any additional number inspected in one place at one time.

The Inspector shall be privileged to charge one dollar (\$1 00) per car and one dollar (\$1 00) per midship to those for whom he does not uniformly inspect bulk grain, as contemplated in the exception named in Rule II.

For Mill Feed, the fees shall be as follows:

In bulk, one dollar (\$1 00) per car load; in sacks, one (1) cent per sack.

SEC. 9, R. 2.—*Grain in Bags.*—All grain inspected in bags will be graded by the lowest grade found.

SEC. 10, R. 2.—*Inspection at Request of Buyer or Seller.*—The buyer or seller shall have the right to call the Inspector to inspect grain purchased or sold—under the rules regulating the grain trade of Cincinnati—and when so called upon, it shall be the duty of the Inspector to make said inspection as soon as practicable.

SEC. 11, R. 2.—*Where Inspection to be Made.*—All inspections of grain by the Inspector shall be made at the place of delivery, unless otherwise agreed upon by the parties.

SEC. 12, R. 2.—*Controversies Referred to Grain Inspector.*—All controversies between the buyer or seller, or other parties, as to the grade of grain purchased, sold, tendered, or delivered, under the rules regulating the grain trade of Cincinnati, shall, at the option of either party, be referred to the Grain Inspector, who shall inspect the grain and determine the controversy, and his decision shall be valid and binding upon the parties. If the grain be not up to grade, the expense of such inspection shall be paid by the seller or party delivering or tendering the grain, unless otherwise agreed upon.

SEC. 13, R. 2.—*Appeals.*—Any party thinking himself aggrieved by any decision of the Inspector, may appeal to the Committee on Grain Inspection, who shall hear and determine the case—but such appeal shall be perfected within twenty-four hours from the date of the decision of the Grain Inspector.

SEC. 14, R. 2.—*Appeals, how Perfected.*—Any party desiring to appeal from the decision of the Grain Inspector to the Committee on Grain Inspection, shall proceed in manner and form as provided in Section 5, Rule I, for the submission of controversies to said committee. When said petition is filed, and written notice thereof given to the respondent by the party appealing, the appeal shall then be held to be perfected.

### RULE III.—CLASSIFICATION OF GRAIN.

#### SECTION 1, R. 3.—WINTER WHEAT.

No. 1 WHITE.—Shall be pure white, bright, sound, reasonably plump, free from smut and other grain, and well cleaned, and shall weigh not less than sixty (60) pounds to the measured bushel.

No. 2 WHITE.—Shall be white, sound and reasonably clean, and shall weigh not less than fifty-eight (58) pounds to the measured bushel.

No. 1 HARD WINTER.—Shall be pure red, composed of Mediterranean, Lancaster and other hard varieties, sound, reasonably plump, well cleaned, and free from smut and other grain, and shall weigh not less than sixty (60) pounds to the measured bushel.

No. 2 HARD WINTER.—Shall be red, composed mainly of the same varieties as No. 1 hard, sound, and reasonably clean, and shall weigh not less than fifty-eight (58) pounds to the measured bushel.

No. 1 RED.—Shall be red and amber, sound, reasonably plump, well cleaned, and free from smut or other grain, and shall weigh not less than sixty (60) pounds to the measured bushel.

No. 2 RED.—Shall be red and amber, and may contain not over ten (10) per cent. of white wheat; shall be sound and reasonably clean, and shall weigh not less than fifty-eight (58) pounds to the measured bushel.

No. 3 RED.—Shall include all sound wheat of any color not fit for higher grades, and not so much damaged from any cause as to be unfit for flouring, and shall weigh not less than fifty-five (55) pounds to the measured bushel.

\*No. 4 RED.—Shall be sound but not good enough to grade No. 3, and shall test not less than fifty-three (53) pounds to the bushel.

MIXED WINTER.—Shall be winter wheat, red, amber or white wheat mixed, and shall be equal to No. 2 red wheat in all other respects.

REJECTED.—Shall include all wheat badly damaged, from any cause, as to render it unfit for No. 3.

†TURKISH WINTER.—The grades of Numbers 1, 2 and 3, mixed, and rejected, shall correspond with our same grades of regular winter wheat, except that they shall be of the Turkish variety, or mixtures thereof with other wheat.

#### SECTION 2, R. 3.—SPRING WHEAT.

No. 1.—Shall be bright, sound, plump, and well cleaned; and shall weigh not less than fifty-eight (58) pounds to the measured bushel.

No. 2.—Shall be sound, reasonably clean and reasonably free from other grain; and shall weigh not less than fifty-six (56) pounds to the measured bushel.

No. 3.—Shall include all sound, inferior, shrunken or dirty wheat, not so much damaged, from any cause, as to be unfit for flouring; and shall weigh not less than fifty-four (54) pounds to the measured bushel.

REJECTED.—Shall include all wheat so badly damaged, from any cause, as to render it unfit for No. 3.

In all cases where spring and winter wheat have been mixed, it shall be called spring wheat, and graded according to quality.

\* Adopted August 6, 1895.

† In effect November 1, 1883.

## SECTION 3, R. 3.—CORN.

No. 1 WHITE.—Shall be white, sound, dry, plump, and well cleaned.

No. 2 WHITE.—Shall be white, sound, dry, and reasonably clean, but may contain a limited number of colored grains.

\*No. 3 WHITE.—Shall be equal to No. 2, except that it may contain slightly damp corn, and a few shrunken and rotten grains.

†No. 2 WHITE MIXED.—Shall be mainly white, sound, dry, and reasonably clean, and may contain ten per cent. of colored grains.

No. 1 YELLOW.—Shall be yellow, sound, dry, plump, and well cleaned.

No. 2 YELLOW.—Shall be yellow, sound, dry, and reasonably clean, but may contain a limited number of white or colored grains, other than yellow.

‡No. 3 YELLOW.—Shall be pure yellow, sound, reasonably clean, may be slightly damp, and may contain a limited number of rotten grains.

No. 1 MIXED.—Shall be mixed, sound, dry, plump, and well cleaned.

No. 2 MIXED.—Shall be mixed, sound, dry, and reasonably clean, but not equal to No. 1 corn.

No. 3 MIXED.—Shall be equal to No. 2, except that it may contain slightly damp corn, and a few shrunken and rotten grains.

REJECTED.—Shall include all corn, from any cause, below the grade of No. 3.

## SECTION 4, R. 3.—OATS.

No. 1 WHITE.—Shall be pure white, sound, bright, free from other grain, and well cleaned.

No. 2 WHITE.—Shall be white, sound, and reasonably clean, but may contain a limited number of colored oats or other grain.

No. 3 WHITE.—Shall include all light weight and stained oats not fit for No. 2.

No. 1 MIXED.—Shall be sound, bright, free from other grain, and well cleaned.

No. 2 MIXED.—Shall be sound, reasonably clean, and reasonably free from other grain.

No. 3 MIXED.—Shall include all light weight and stained oats not fit for No. 2.

REJECTED.—Shall include all oats, dirty or badly mixed with other grain, or for any cause below No. 3.

## SECTION 5, R. 3.—RYE.

No. 1.—Shall be sound, plump, and well cleaned.

No. 2.—Shall be sound, reasonably clean, and not too much mixed with other grain.

No. 3.—Shall include all sound, inferior, shrunken, dirty, or slightly damp rye, not so much damaged, from any cause, as to be unfit for milling or distilling purposes.

REJECTED.—Shall include all rye which is damp, musty, dirty, or for any other cause unfit for No. 3.

## SECTION 6, R. 3.—WINTER BARLEY.

No. 1 WINTER.—Shall be sound, plump, clean, bright, and free from other grain.

No. 2 WINTER.—Shall be sound and reasonably clean, but not bright or plump enough for No. 1 (may be slightly broken), and reasonably free from other grain, and shall weigh not less than forty-eight (48) pounds to the measured bushel.

No. 3 WINTER.—Shall include shrunken or otherwise slightly damaged barley; may be slightly mixed with other grain, but not unfit for malting, and shall weigh not less than forty-four (44) pounds to the measured bushel.

EXTRA No. 3 WINTER.—Shall be sound, and may be somewhat stained, but otherwise, except as to weight, equal to No. 2, and shall weigh not less than forty-six (46) pounds to the measured bushel.

## SECTION 7, R. 3.—SPRING BARLEY.

No. 1 SPRING.—Shall be same as No. 1 Winter.

No. 2 SPRING.—Shall be same as No. 2 Winter.

No. 3 SPRING.—Shall be same as No. 3 Winter.

EXTRA No. 3 SPRING.—Shall be same as Extra No. 3 Winter.

REJECTED.—Shall include all winter or spring barley, unsound, or below the above standard in other respects.

## SECTION 8, R. 3.

No hot grain of any kind will be graded.

\* Adopted March 6, 1888.

† Adopted June 15, 1885.

‡ Adopted February 2, 1892.

## RULE IV.—ELEVATOR CHARGES.

SECTION 1, R. 4.—*Elevator Charges.*—On all grain, one (1) cent per bushel for the first ten days, or part thereof, and one-third ( $\frac{1}{3}$ ) of one cent for each subsequent ten days, or part thereof, including the delivery in seamless bags. Extra charges for delivery in other kinds of sacks.

## RULE V.—MARGINS ON TIME CONTRACTS.

SECTION 1, R. 5.—*Original Margins.*—On all time contracts either party to the contract shall have the right to call upon the other party for original security or margin to an amount not to exceed ten (10) per cent. of the contract price of the property bought or sold; which said ten per cent. may be called for in one or more calls. The party thus calling for original security or margin, shall, if required by the party called, deposit a margin equal in amount to that called for.

SEC. 2, R. 5.—*Additional Margins on Change of Market.*—Either party to a contract, in whose favor the market may be, shall be entitled, at any time before the fulfillment of the same, and after all the original margin has been deposited, to call upon the other party, against whom the market may be, for additional margins to the extent of the difference between the price named in the contract and the market value of the option on the day the call is made, so that the original margin shall be kept good and intact as security for the fulfillment of the contract. Said additional margin is to be deposited by the party only against whom the market may be.

SEC. 3, R. 5.—*Calls for Margins—Contents of.*—All calls for margins shall designate: (1.) Upon what contract the same is made, or upon open deals. (2.) The kind of margin called for—whether original or additional. (3.) The place of deposit. (4.) And the date of the call.

SEC. 4, R. 5.—*Place of Deposit of Margins.*—All securities or margins shall be deposited with the Citizens' National Bank of Cincinnati, unless otherwise agreed upon.

SEC. 5, R. 5.—*Time for Depositing Margins.*—When a call is made for margins, either original or additional, the party called shall make the deposit within the next three (3) banking hours after receiving notice of the call. Provided, however, if the call is made during 'Change hours, the deposit shall be made before three (3) o'clock P. M. the same day.

SEC. 6, R. 5.—*Certificates of Deposit.*—All parties who receive deposits of margins shall issue certificates in duplicate, not transferable, for all such deposits. Said certificates shall state by whom the deposit was made, for whose security the same is held, the amount of the deposit, and whether it be original or additional margins; that the deposit has been made under the rules of the Chamber of Commerce of Cincinnati, and is payable upon the return of the certificate or its duplicate, duly indorsed by the parties to the contract or contracts, or on the order of the President of the Chamber of Commerce, duly indorsed thereon, or on return of the original certificate, the duplicate remaining with the party holding the deposit and not covered on call by an equal deposit of original margins within the time provided for in Section five (5) of this rule; as provided for in the rules of the Chamber of Commerce of Cincinnati regulating the grain trade. Said certificate shall be in the following form, to wit:

## ORIGINAL (or) DUPLICATE.

Not Negotiable or Transferable.

CINCINNATI, \_\_\_\_\_, 18—.

\_\_\_\_\_ has deposited with \_\_\_\_\_, \_\_\_\_\_ dollars, as original or additional margin or security on a contract or contracts between the depositors and \_\_\_\_\_, which amount is payable on the return of this certificate or its duplicate duly indorsed by both of the above named parties, or on the order of the President of the Chamber of Commerce of the City of Cincinnati, indorsed on either the original or duplicate hereof, or the duplicate remaining with \_\_\_\_\_, and not covered by deposit of an equal original margin, by \_\_\_\_\_ o'clock, —. M., on the \_\_\_\_\_ day of \_\_\_\_\_, 18—, on return of this original certificate, as provided by the rules of the said Chamber of Commerce, under which the above named deposit has been made.

By \_\_\_\_\_, Cashier.

SEC. 7, R. 5.—*Deposits Security for What Contracts.*—All deposits so made shall be held to have been made as security for the faithful fulfillment of any contracts made, or to be made, between the parties during the time the deposit shall remain unpaid. Provided, it shall be competent for either party to a contract to demand that the certificate shall express the particular contract upon which the deposit shall have been made, and in such case the deposit shall be applicable only to the settlement of that contract.



SEC. 8, R. 5.—*Notice of the Deposit of Margins.*—The party who deposits margins under this rule shall forthwith, after making such deposit, give notice of the same to the party calling by depositing the duplicate certificate provided for in Section six (6) of this rule with the party calling, or with his authorized representative, or with any clerk representing the party on 'Change, or by leaving it at his usual place of business in Cincinnati; and, in case the party calling shall not be known to have a usual place of business in Cincinnati, such duplicate certificate may then be left with the Superintendent of the Chamber of Commerce. *Provided, however,* if the party depositing original margin calls the other party for an equal original margin, then the duplicate certificate shall be left with the party holding the deposits, and notice thereof shall be forthwith given with the notice of the call by the party thus calling for an equal original margin in the manner provided for by Section 1 of Rule XIV.

SEC. 9, R. 5.—*Failure to Deposit Original or Additional Margins.*—Any party who shall contract to buy or sell property and who shall fail to respond within the time provided in Section five (5) of this rule after having been called upon for either original or additional margins, shall be judged to have broken his contract. And in such case the party who has called for such margins shall have the right, at his option: (1,) if he be the seller, to resell the property for account of the delinquent, on the same or the next business day after the call is made, such resale to be for the same delivery as named in the original contract; or, (2,) if he be the buyer, to repurchase the property for account of the delinquent, on the same or the next business day after the call is made, deliverable at the time named in the original contract; and all differences between the contract price and the price at which the property may have been sold or bought (as the case may be) in consequence of such default, shall constitute the rule and measure of damages against the party in default; or, (3,) the party calling may consider the contract then terminated as of the date of the call, and the amount to be paid upon the contract, in such last named case, shall be the difference between the market value at the date of the call and the contract price of the article bought or sold, and said difference shall be immediately due and payable; in case the parties do not agree upon this difference within three (3) business days thereafter, then the matter may, by either party, be referred to the Committee on Grain Inspection for determination. The party calling for margins shall at once (on failure of the party called to respond as aforesaid) notify the said party what action under this section he elects to take. *Provided, however,* the party calling may elect to permit the contract to stand, in which case no notice to that effect shall be necessary to the delinquent; but, in such case, if the call upon which default was made was for an equal original margin, then the party calling may have a release of original margin as provided for in Sections 13 and 14 of Rule V, as the case may be.

SEC. 10, R. 5.—*Excessive Calls for Additional Margin.*—When any party to a contract upon whom a call for additional margin has been made considers the call excessive, he shall forthwith (1,) give written notice to the party calling that he considers the call excessive, and that he desires to submit the question to the Committee on Grain Inspection, and (2,) he shall at once submit the matter to said committee, in manner provided for in Section 5 of Rule I. The said committee shall, as soon as practicable, determine the proper amount of margin to be deposited on such call. If the margin required by the committee is not deposited within one (1) banking hour after its decision has been made and notice thereof given to the party upon whom the call is made, the party calling may proceed, at his option, under Section 9 of Rule V, as though no reference had been made to the Committee on Grain Inspection.

SEC. 11, R. 5.—*Release of Excessive Original Margins.*—In case it should appear that, by reason of delivery upon or the settlement of a portion of the contracts upon which original margins or securities have been deposited are properly applicable, a larger sum remains on deposit than is necessary for the proper security of unadjusted contracts, either party shall have the right to demand that such portion of the margins be released, and, in the event of either party refusing to release such portion of the margins, the party asking for same may apply to the Committee on Grain Inspection for relief, who shall have the power to estimate and determine the value of the property for marginal purposes, covered by any contract upon which the deposit has been made, and to direct the payment of such portion of the margin as may, in their judgment, be proper to the party making the application. Upon request of either party, said committee shall deliver a certified copy of said decision to the President of the Chamber of Commerce, whereupon the said President shall indorse on either the original or duplicate certificate an order for the payment of the amount of the original margin to be released and paid, and issue a duplicate of said order to the party holding said certificate for delivery to the party holding said deposit; said duplicate order shall be sufficient warrant to the party holding the deposit to pay said sum so indorsed in accordance with said order.

SEC. 12, R. 5.—*Release of Excessive Additional Margins.*—When additional margins have been called and deposited under Section 2 of Rule V, and the market shall recede or advance to the extent of such additional deposits, or any of them, then such additional deposit or deposits may be withdrawn by the party making the same, with the consent of the other party to the contract, evidenced by the indorsement of the margin receipt; and in case such withdrawal is objected to by the other party, the party claiming the same may apply to the Committee on Grain Inspection, who shall have the power to estimate and determine the value of the property for marginal purposes covered by any contract upon which the deposit has been made, and to direct the payment of the deposit or deposits to the party claiming the same. Upon the request of either party, said committee shall deliver a certified copy of said decision to the President of the Chamber of Commerce. Whereupon the said President shall indorse on either the original or duplicate certificate an order for the repayment of said additional margin, and such order shall be sufficient warrant to the party holding the deposit to pay said sum so indorsed in accordance with said order.

SEC. 13, R. 5.—*Release of an Original Margin on Default before Duplicate Receipt has been Delivered.*—Any party having deposited on call original margin or margins under Section 1 of Rule V, and who has left the duplicate receipt with the party holding the deposit and given the notice thereof, as provided for in Section 8 of Rule V, shall have the right to withdraw said deposit or deposits in case the other party, if called for an equal original margin, fails to deposit the same within the time provided for in Section 5 of Rule V, and the party holding said original margin or margins shall return them upon demand to the party who made the deposit. The party calling for said equal original margin shall also have, at his option, all or any of the rights given to him in Section 9 of Rule V. *Provided, however,* that the right to have an original margin released under this section shall relate only to the particular original margin or margins thus deposited, the duplicate receipt of which remains with the party holding the margin and not covered by an equal deposit after notice given.

SEC. 14, R. 5.—*Release of Original Margins on Default after Duplicate Certificate has been Delivered.*—Any party who deposits an original margin on call and does not at that time call for an equal margin, but delivers the duplicate certificate as provided for in Section 8 of Rule V, shall have the right at any subsequent time to call for an equal original margin, and, in case the same is not deposited within the time provided for in Section 5 of Rule V, the party calling shall have the right to submit the case to the Committee on Grain Inspection. If the committee finds that the call has been regularly made, and the equal original margin was not deposited within the time provided for under Section 5 of Rule V, then the committee shall order the said uncovered original margin or margins to be returned to the party who deposited the same, and shall certify their said order to the President of the Chamber of Commerce. The President of the Chamber of Commerce shall thereupon indorse on the original certificate an order for the repayment of said margin or margins, and said order shall be sufficient warrant to the party holding the deposit to pay the sum so indorsed.

SEC. 15, R. 5.—*Release of Margins, Original and Additional, in Fulfillment of Contract.*—On the fulfillment or settlement of any contract upon which deposits have been made, and when full adjustment of all differences relating to the same shall have been effected, the deposits shall thereupon be payable to the party depositing the same; and the joint indorsement of both parties upon the certificate shall be sufficient authority to the party holding the deposit to pay the same to the holder of the certificate; or, in case of failure between the contracting parties to adjust and settle their respective claims upon the deposit within three (3) business days after the maturity of all contracts upon which the deposit is applicable, the matter in dispute shall, upon the application of either party to such contracts, be submitted to the Committee on Grain Inspection, which committee shall, without unnecessary delay, determine in what manner and to whom the deposit is payable, either wholly or in part. Upon the request of either party, said committee shall deliver a certified copy of said decision to the President of the Chamber of Commerce, whereupon the President shall indorse on either the original or duplicate certificate an order for the payment of such deposit, in accordance with the decision of said committee, and such order shall be sufficient warrant to the party holding the deposit to pay the same in accordance with such order.

SEC. 16, R. 5.—*Duty of President in Regard to Release of Margins.*—In no case shall the President of the Chamber of Commerce indorse an order for the release of any margin—original or additional—until three (3) days have elapsed after the delivery of the decision of the Committee on Grain Inspection. If an appeal has been taken and perfected to the Committee of Arbitration, and written notice thereof given to the President personally, giving also the names of the parties litigant and the substance of the decision appealed from and notice not to make the indorsement, then, in

case the award of the Committee of Arbitration orders any margins to be released or repaid, and the said order is certified to the President, the President shall not indorse said order for the release of the margins until ten (10) days shall have elapsed after the award of the Committee of Arbitration has been formally made known to the parties. If within said ten (10) days next after the award of the Committee of Arbitration has been made known as aforesaid, written notice is served upon the President personally that a bill of exceptions has been filed with the Board of Directors, giving also the names of the parties litigant and the substance of the award and notice not to indorse the same, the President shall withhold the indorsement until after the Board of Directors shall have heard and determined the matter. If at such hearing a new trial be allowed, then the President shall not make such indorsement; but if at said hearing a new trial be not allowed, then the President shall make said indorsement, upon receiving from the party entitled thereto a certified copy of the order of the Board of Directors. *Provided*, that if the party who appeals or files said bills of exceptions fails to serve the President personally with the said written notice above designated within the hereinbefore designated time respectively for perfecting the appeal or filing the bill of exceptions, as the case may be, then the President shall indorse said order, whether an appeal has been perfected or a bill of exceptions has been filed or not, and the party appealing or filing said bill of exceptions shall lose all interest in the money thus ordered to be paid, and shall have no right in any event to recover the same from the party to whom it has been paid or from the party paying the same upon said indorsed order.

SEC. 17, R. 5.—*Value of Property for Marginal Purposes, how Determined.*—In determining the value of property under Rule V, its value in other markets, or for manufacturing or consumptive purposes in this market, together with such other facts as may justly enter into the determination of its value, shall be considered, irrespective of any fictitious price it may at the time be selling for in this market, but nothing contained under Rule V shall be construed as authorizing unjust or unreasonable claims based upon manipulated or fictitious markets. Such values for marginal purposes, in case of disagreement between the parties, shall, at the option of either party, be referred to the Committee on Grain Inspection for determination.

#### RULE VI.—DELIVERIES.

SECTION 1, R. 6.—*Manner of, Delivery of, and Payment for Grain Sold in Elevator.*—The delivery of grain sold in elevator shall be made by the tender of regular elevator receipts, which shall have three (3) full days' free storage at the time of such tender. Upon such tender being made the contract price of grain thus sold shall be due and payable.

SEC. 2, R. 6.—*Regular Elevator Receipts.*—A regular elevator receipt called for in Section 1 of Rule VI shall be for grain in elevator, in Cincinnati, connected by railroad tracks or canal, and to and from which, said railroad tracks or canal, and said elevator, grain can be directly handled—said elevator to be managed by either a corporation, firm, or individual, for the purpose of carrying on the business of receiving, storing, delivering, and forwarding grain of all kinds. Said corporation, firm, or individual may, in connection therewith, do the business of general storage, warehousemen, and forwarders of all kinds of produce or merchandise—but shall not, on his own account, nor for others, deal as buyers or sellers. *Provided, however*, that before such elevator receipt shall be deliverable on contract the following conditions must be done and had: First, the parties managing such elevator shall have filed with the Board of Directors of the Chamber of Commerce a statement, showing that the said elevator has complied with this Section 2 of Rule VI; and second, the Board of Directors shall have declared by resolution the said elevator regular.

SEC. 3, R. 6.—*Manner of Delivery of and Payment for Grain Sold on Track.*—The delivery of grain sold on track shall be made by the tender of a written order for the property on some standard or broad-gauge railroad company entering and having an office in Cincinnati, properly accepted by such railroad company, together with the certificate of the Grain Inspector. Upon such tender being made, the seller shall have the right to demand of the buyer three-fourths ( $\frac{3}{4}$ ) of the contract price upon a basis of twenty-eight thousand (28,000) pounds per car, and the buyer shall have five (5) days' time in which to furnish seller weights and pay the balance of the contract price. In case weights are not furnished within the said five days, the seller shall have the right to settlement at shippers' weights, when properly certified to and duly tendered.

SEC. 4, R. 6.—*Form of Acceptance by the Railroad Company.*—The acceptance by the railroad company called for in Section 3 of Rule VI shall be in the following form, to wit:

CINCINNATI, OHIO, \_\_\_\_\_, 18—.

The \_\_\_\_\_ railroad company hereby certifies that the grain covered by the within order has arrived and is now in the possession of the said railroad company in Cincinnati.

(Signed.)

\_\_\_\_\_  
Railroad Company.  
By \_\_\_\_\_, Agent.

SEC. 5, R. 6.—*Penalty for Giving More than One Order for Same Property.*—Any member who shall give more than one order called for under Section 3 of Rule VI for the same lot of grain, and shall receive advances thereon, shall, on conviction thereof, be expelled from the Chamber of Commerce.

SEC. 6, R. 6.—*Time of Delivery on Time Contracts at Buyer's Option.*—On time contracts made between members of the Chamber, when grain is bought at buyer's option, the time of delivery shall be as follows: When the call is made by the buyer before 11 o'clock A. M., the property shall be due and deliverable before 3 o'clock P. M. of the same day; when the call is made after 11 o'clock A. M., the property shall be due and deliverable before 3 o'clock P. M. of the same day, or between 9 o'clock A. M. and 12 o'clock M. of the next day; or the buyer may specify any particular future day, during the term of option, upon which the property shall be due and deliverable, and the property shall be due before 12 o'clock on the day designated. If no call is made, the property shall be deliverable before 12 o'clock M. on the day of maturity of contract, except as to deliveries on the last business day of the month, which shall be delivered as provided for in Section 10, Rule VI.

SEC. 7, R. 6.—*Time of Delivery on Time Contracts at Seller's Option.*—On contracts for grain at seller's option, the seller may deliver the property on any day during the life of the option, between the hours of 9 A. M. and 3 P. M.

SEC. 8, R. 6.—*Time of Delivery on Spot Sales.*—On contracts for grain purchased or sold for spot delivery, the property shall be deliverable before 3 o'clock P. M. of the day of sale, or between 9 and 11 o'clock A. M. of the next business day, except spot sales made on the last business day of the month, which shall be delivered prior to two (2) o'clock P. M. of said day on the floor of the Chamber of Commerce.

SEC. 9, R. 6.—*No Delivery on Sunday, etc.*—When a contract shall mature on Sunday, a legal holiday, or on a day on which there is no meeting of the Chamber, delivery on such contract shall be made on the preceding business day. No property shall be tendered on any day upon which there is no meeting of the Chamber of Commerce.

SEC. 10, R. 6.—*Place of Delivery.*—In all sales of property under the rules regulating the grain trade of Cincinnati, when not otherwise provided for by the terms of the contract, or when notice has not been given, as provided for under Section twelve (12) of Rule six (6), all deliveries and tenders of delivery of property shall be made at the buyer's usual place of business in Cincinnati. In case the buyer has no usual place of business in Cincinnati, then the delivery or tender of delivery to the Superintendent of the Chamber of Commerce of Cincinnati shall be held to be a good, valid and sufficient delivery of such property. *Provided, however,* that all deliveries or tenders of delivery of property made or to be made on the last business day of each month shall be made on the floor of the Chamber of Commerce, between the hours of one (1) and three (3) o'clock P. M. of said day, anything in these rules to the contrary notwithstanding. And it shall be the duty of all members having open deals to be present on said floor in the Chamber of Commerce, either in person or by agent, or by some other authorized party, during said hours, to receive such property when properly tendered.

SEC. 11, R. 6.—*Tender During Temporary Absence of Purchaser—Notice to be Left at Office.*—In the case of the tender of property during the temporary absence of the purchaser from his place of business, notice of such tender shall be left at his office, and he shall have the right to call for the same, and pay for it within one hour thereafter.

SEC. 12, R. 6.—*Notice May be Given of Intended Delivery on 'Change.*—On all time sales the seller may before three (3) o'clock P. M. of the business day next prior to the intended delivery of the property, give notice to the purchaser that he will deliver or tender delivery of the property on 'Change during 'Change hours on the next business day immediately after the date of said notice. *Provided, however,* this section shall not apply when by the terms of the contract a place for the delivery has been agreed upon by the parties.

**SEC. 13, R. 6.—Duty of Purchaser to be Present as Notified.**—It shall be the duty of the purchaser in time sales, when notified as provided in Section twelve (12) of Rule six (6), to be present, either in person or by agent, or by some other authorized party, on 'Change during 'Change hours on the day named in said notice when the said property is to be delivered or tendered.

**SEC. 14, R. 6.—When Notice Not Given Under Section 12 of Rule VI.**—In case the seller does not give the notice designated in Section twelve (12) of Rule six (6), then the purchaser shall not be required to be present on 'Change as required in Section thirteen (13) of Rule six (6), and the delivery of the property in such case shall be as provided for in Section ten (10) of Rule six (6).

**SEC. 15, R. 6.—Default of Delivery After Notice.**—When notice of intention to deliver or tender delivery of property is given under Section twelve (12) of Rule six (6) and the seller fails to deliver or tender delivery of the property, the buyer shall have the right to claim a non-fulfillment of the contract, and he may proceed, under Section sixteen (16) of Rule six (6), the same as if the contract had matured and no delivery made.

**SEC. 16, R. 6.—Failure to Deliver at Maturity of Contract.**—In case any property contracted for future delivery is not delivered at maturity of contract, the purchaser may, at his option: (1,) consider the contract forfeited; or (2,) he may purchase the property in the open market on 'Change the same or next business day for account of the seller, notifying him at once of such purchase; or (3,) he may require a settlement with the seller at the market price on the day of maturity of contract. And in case the parties can not agree upon the said market price within three (3) days after the maturity of the contract, then the matter may be referred by either party to the Committee on Grain Inspection for determination.

**SEC. 17, R. 6.—Failure to Receive and Pay for Property when Tendered.**—In case any property contracted for future delivery is not received and paid for when properly tendered, it shall be the duty of the seller, in order to establish any claim on the purchaser, to sell it at auction during 'Change hours of the same or next business day following after such default shall have been made, notifying the purchaser on the same day of such sale; and any loss resulting to the seller shall be paid by the party in default.

**SEC. 18, R. 6.—Limitations of Sections 16 and 17 of Rule VI.**—Sections sixteen and seventeen (16, 17) of Rule six (6) shall not be construed as authorizing unjust or unreasonable claims, based upon manipulated or fictitious markets, and in case of dispute as to the value or market price of the property bought or sold, the same shall be determined under the limitations and in the manner provided for in Section 17, Rule V.

**SEC. 19, R. 6.—Tender of Higher Grades of Grain.**—On contracts for grain for future delivery, the tender of a higher grade of the same kind of grain than the one contracted for shall be deemed sufficient, provided the higher grade of grain tendered shall not be of a color or quality that will depreciate the value of the other, if mixed.

**SEC. 20, R. 6.—Tender of Grain of Equal Grade by Elevator Companies.**—Elevator companies must deliver grain equal to the standard of the grade called for by the elevator receipt.

**SEC. 21, R. 6.—Delivery in Lots of Five Car Loads.**—The delivery of grain sold in lots of five (5) or more car loads shall be made in lots of not less than five (5) car loads each.

#### RULE VII.—SALES BY SAMPLE.

**SECTION 1, R. 7.—Not Up to Sample.**—If grain sold by sample should prove not up to sample, the purchaser may demand, within twenty-four hours after notice to the seller, the amount of grain purchased up to sample, or payment of such difference in value as may be established, unless otherwise agreed upon at the time of sale.

**SEC. 2, R. 7.—Sold to Arrive and Not Up to Sample.**—In case grain is sold to arrive, and upon its arrival shall prove not up to sample or grade in which the same has been sold, then the seller shall have twenty-four hours in which to furnish the amount of grain sold up to sample or grade, unless otherwise agreed upon at the time of purchase.

**SEC. 3, R. 7.—When and Where Examined—Accepted or Rejected.**—All grain sold by sample other than that of the Inspector, shall be examined by the purchaser at the place of delivery, and shall be accepted or rejected within forty-eight (48) hours from the time the order is given for the same.

**SEC. 4, R. 7.—Inspector to Decide.**—Upon any difference of opinion between buyer and seller, when grain has been sold by sample, the Inspector may be called upon to decide the case by com-

parison, and in such case the sample may be required by either buyer or seller to be, in the presence of both buyer and seller, furnished the Inspector, who shall inspect it as soon as practicable after the request shall have been made. If not up to sample, the expense of such inspection shall be paid by the seller, unless otherwise agreed upon. Appeal may be had from the decision of the Grain Inspector under this section, as provided for in Section thirteen (13) of Rule two (2).

#### RULE VIII.—TERMS OF SALE.

SECTION 1, R. 8.—All purchases of grain made, unless otherwise agreed upon, are understood to be for cash, and to be paid for on delivery.

#### RULE IX.—WEIGHING.

\* SECTION 1, R. 9.—*Weighing, Where, etc.*—All grain, hay and feed shall be weighed at the place of delivery, by a weigher appointed by the Chamber of Commerce or his duly appointed deputy, unless otherwise agreed between buyer and seller; the expense of weighing to be borne by the seller.

SEC. 2, R. 9.—*Charge for Weighing.*—The charge for weighing car lots shall not exceed one dollar per car, unless weighed in sacks in store or depots, and then not to exceed 1 cent per 100 pounds.

† SEC. 3, R. 9.—*Grain Unloaded on Public Landing or Water Street.*—All grain unloaded on the Public Landing or Water Street must be hauled over the Public Landing scales, and the weigher can not issue certificates unless weighed in this manner.

‡ SEC. 4, R. 9.—*Rules Governing Weighers.*—All wagons to be used in the removal of contents of a car to be weighed must be weighed empty prior to loading from the car, and such wagons must be stripped of all movable covers, tarpaulins, or other articles. All boxes attached to such wagons must be opened and inspected by the weighers before such wagons are weighed. Empty wagons must be weighed at least once a day, and as often as the weigher requires. No wagons shall be allowed to go to cars after 6 o'clock P. M. or before 6 o'clock A. M. without the weigher having been notified of such intention. No sacks shall be allowed to be weighed in empty wagons. These rules must be framed and hung in the offices of all Public Weighers under appointment of the Cincinnati Chamber of Commerce.

§ SEC. 5, R. 9.—*General Regulation.*—Weighers under appointment of the Chamber of Commerce shall not be permitted to weigh commodities in which they are interested as buyers or sellers.

#### RULE X.—AMOUNT OFFERED AT CALL-BOARD.

SECTION 1, R. 10.—All offers of future deliveries of grain on call-board shall be in lots of 2,500 bushels, or any multiple thereof, and all offers of less than five car loads shall not be entertained by the caller.

#### RULE XI.—CAR LOAD.

¶ SECTION 1, R. 11.—In sales of car lots of grain to arrive, unless otherwise stated, a car load of corn shall be 28,000 pounds, rye 28,000 pounds, oats 32,000 pounds, wheat 30,000 pounds, and barley 30,000 pounds, any excess or deficiency to be settled at the market ruling on the day of delivery.

#### RULE XII.—CHANGE HOURS.

SECTION 1, R. 12.—Change hours under the rules for the regulation of the grain trade of Cincinnati shall be held to be from 11:30 A. M. to 1:30 P. M. of each day upon which there is a meeting of the Chamber of Commerce.

#### RULE XIII.—DISPUTES REFERRED TO THE COMMITTEE ON GRAIN INSPECTION.

SECTION 1, R. 13.—All matters of dispute, difference, or controversy between parties growing out of contracts under the rules regulating the grain trade of Cincinnati not otherwise specially provided for, which the parties do not settle, may, if arbitrated, be referred to the Committee on Grain Inspection, and said committee shall hear and determine the matter, and the decision of said committee shall be valid and binding.

\* As amended February 6, 1894.

† Adopted February 7, 1893.

‡ Adopted September 3, 1895.

§ Adopted February 3, 1891.

¶ As amended December 5, 1887. Previous to this, the uniform weight of a car load of grain of any kind was 28,000 pounds.

SEC. 2, R. 13.—*Effect of Offer to Submit Dispute to Grain Committee.*—In case of any disagreement arising from any action taken under these rules, the expressed willingness of either party to the controversy to submit the pending question of difference to the Committee on Grain Inspection or of Arbitration for determination shall be accepted and construed by the Board of Directors as evidence on the part of such member of his readiness to adjust and settle his said disputed obligation, and he shall not, therefore, be subject to discipline for such matter pending such proffered submission if he shall abide by the same in good faith, and, in case of an award promptly perform such award.

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#### RULE XIV.—NOTICES, SERVICE OF.

SECTION 1, R. 14.—*Service of Notices.*—Unless otherwise specially provided, all notices for the call of margin for the closing of contracts, and all notices, for any and all other purposes required to be given by the rules regulating the grain trade of Cincinnati, may be served personally on the party to be notified, or upon his authorized representative, or upon any clerk representing the party on 'Change, or by leaving written notice at the party's usual place of business in Cincinnati; and, in case the party to be notified shall not be known to have a usual place of business in Cincinnati, a written notice left in the office of the Superintendent of the Chamber of Commerce shall be deemed sufficient.

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#### RULE XV.—TIME, HOW COMPUTED.

SECTION 1, R. 15.—*How Time Computed.*—Unless otherwise specially provided, the time within which an act is required by the rules regulating the grain trade of Cincinnati to be done shall be computed by excluding the first day and including the last, and if the last be Sunday, it shall be excluded.

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#### RULE XVI.—CONTRACTS NOT TRANSFERABLE.

SECTION 1, R. 16.—No contract or agreement for the purchase or sale of any property under the rules regulating the grain trade of Cincinnati shall be transferred, assigned, or sold, under any circumstances, without the written consent of all parties to the contract.

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#### RULE XVII.—ELEVATOR MANAGERS TO FURNISH REPORTS, GIVE NOTICE OF CHANGES, ETC.

SECTION 1, R. 17.—*To Furnish Weekly Reports to the Superintendent.*—The managers of regular elevators shall honestly and faithfully furnish to the Superintendent of the Chamber of Commerce all needed information to enable him to keep a correct record and account of all grain, together with the grade thereof, received and delivered by them weekly, and of that remaining in store at close of each week. And it shall be the duty of the Superintendent of the Chamber of Commerce to aggregate such records and to post them in a public place in the Chamber of Commerce, on the first business day of each week.

SEC. 2, R. 17.—*To Publish Damage to Grain Held in Store.*—Managers of such elevators shall promptly, by proper publication, advise the trade and the public of any damage to grain held in store by them, whenever such damage shall occur to any extent, that will render them unwilling to purchase and withdraw from store at their own cost all such damaged grain.

SEC. 3, R. 17.—*Important Changes in Condition of Elevator, or Disregard or Evasion of Requirements.*—Any important change in the condition of any elevator, or disregard or evasion of the above requirements, shall at any time be a sufficient cause for the Board of Directors to declare such elevator no longer regular within the meaning of the Rules of the Chamber of Commerce.

## RULES FOR THE GOVERNMENT OF THE HAY TRADE.

The Board of Officers of the Cincinnati Chamber of Commerce, on the second day of May, 1882, authorized the appointment of an Inspector of Hay, who should be amenable to the same rules that governed other Inspectors of the Chamber, and adopted rules for the regulation of the Hay trade, which were amended on February 19, 1895, as follows:

### CLASSIFICATION OF HAY.

**CHOICE TIMOTHY.**—Shall be Timothy not mixed with over one-twentieth other grasses, properly cured, bright natural color, sound and well baled.

**No. 1 TIMOTHY.**—Shall be Timothy not more than one-fifth mixed with other tame grasses, properly cured, good color, sound and well baled.

**No. 2 TIMOTHY.**—Shall include all Timothy not good enough for No. 1, not over one-third mixed with other grasses, sound and well baled.

**No. 3 TIMOTHY.**—Shall include all Hay not good enough for other grades, sound and well baled.

**No. 1 CLOVER, MIXED.**—Shall be Timothy and Clover mixed, with at least one-half Timothy, good color, sound and well baled.

**No. 2 CLOVER, MIXED.**—Shall be Timothy and Clover mixed, with at least one-third Timothy, reasonably sound and well baled.

**No. 1 CLOVER.**—Shall be medium Clover, not over one-twentieth other grasses, properly cured, sound and well baled.

**No. 2 CLOVER.**—Shall be Clover, sound, well baled, not good enough for No. 1.

**No GRADE.**—Shall include all Hay badly cured, musty, stained, or in any way unsound.

**CHOICE PRAIRIE.**—Shall be Upland, of bright color, well cured, sweet, sound and reasonably free from weeds.

**No. 1 PRAIRIE.**—Shall be Upland, and may contain one-quarter Midland of good color, well cured, sweet, sound and reasonably free from weeds.

**No. 2 PRAIRIE.**—Shall be Upland, of fair color, or Midland of good color, well cured, sweet, sound and reasonably free from weeds.

**No. 3 PRAIRIE.**—Shall be Midland, of fair color, or Slough of good color, well cured, sound and reasonably free from weeds.

**No. 4 PRAIRIE.**—Shall include all Hay not good enough for other grades, and not caked.

**No GRADE PRAIRIE.**—Shall include all Hay not good enough for other grades.

### CLASSIFICATION OF STRAW.

**No. 1 STRAIGHT RYE.**—Shall be in large bales, clean, bright long Rye, pressed in bundles, sound and well baled.

**No. 2 STRAIGHT RYE.**—Shall be in large bales, long Rye, pressed in bundles, sound and well baled, not good enough for No. 1.

**TANGLED RYE.**—Shall be reasonably clean Rye, good color, sound and well baled.

**WHEAT.**—Shall be reasonably clean Wheat, sound and well baled.

**OAT.**—Shall be reasonably clean Oat, sound and well baled.

### \*FEES FOR INSPECTION.

The fee for the inspection in cars shall be fifty (50) cents per car, to be paid by the owner or seller; all Hay in sight at both doors to be inspected. On any complaint at the unloading of the car the Inspector shall reinspect, with an additional charge of fifty (50) cents per car, unless he is

\* As amended August 20, 1895.



requested by the party calling for the reinspection to examine every bale as it comes from the car, then the fee shall be one (1) dollar per car for reinspection. All facilities and additional expenses for reinspection must be furnished by the party calling for reinspection. The fee for inspecting at the river shall be two (2) cents per bale for large bales; one (1) cent per bale for half and third bales; and one-half ( $\frac{1}{2}$ ) cent per bale for quarter bales, to be paid by the owner or seller.

#### \* RULES GOVERNING THE FLOUR TRADE.

RULE 1. Any member of the Cincinnati Chamber of Commerce desiring to become a Flour Inspector may make application to the Board of Directors, who shall judge as to his fitness and capability to perform the duties of Inspector, and if elected he shall give bond to the satisfaction of the Board for the faithful performance of his duties and for the payment of all damages assessed against him by the Flour Inspection Committee. The Board of Directors shall have power to suspend or dismiss an Inspector at any time. An Inspector shall not be directly or indirectly engaged in the Flour trade.

RULE 2. The Inspector shall, when directed, carefully inspect Flour submitted to him, and decide on its grade and soundness, being governed by the standards furnished by the Flour Inspection Committee, and may brand it, using stencils indicating grade and Cincinnati Chamber of Commerce inspection, and the month in which it is inspected in numerals. An appeal may be taken to the Flour Inspection Committee from the decision of the Inspector, and he shall brand the Flour according to the decision of said committee.

RULE 3. The Inspector, failing to grade Flour in accordance with the standards furnished, shall be liable for any damage resulting from such failure, and shall be subject to pay such fines as the Flour Inspection Committee may deem proper to impose.

RULE 4. Flour offered for inspection or examination shall be placed in such a position that it may be carefully examined by the Inspector; and should the owner or buyer, upon removing the Flour to his store or warehouse, find any of it not inspected, it shall be the duty of the Inspector to complete the inspection of said Flour upon the request of either the owner or buyer.

RULE 5. The Inspector shall receive two (2) cents for each barrel inspected, to be paid by the receiver or owner, and shall also be entitled to the Flour drawn from the barrels.

RULE 6. The scoop used by the Inspector shall not exceed one inch in diameter and thirty-two inches in length, exclusive of the shank of the handle, and not more than one scoopful shall be drawn from each barrel.

RULE 7. The Inspector shall, at the request of the party for whom the Flour is inspected, furnish certificate stating brand, number of barrels, and grade; and if the barrels of any lot of Flour are short in weight, not head-lined, or unfit for the proper conveyance of Flour, it shall be his duty to insert same in his certificate.

RULE 8. The Inspector shall, without extra charge, weigh at least one (1) barrel of each twenty-five (25) barrels inspected, and if found below the standard weight of one hundred and ninety-six (196) pounds net he shall not brand it unless repacked. He may repack Flour, and shall be entitled to twenty-five (25) cents per barrel for each barrel that he finds short in weight.

RULE 9. The standard weight of a barrel of Flour shall be one hundred and ninety-six (196) pounds net. When Flour is sold in sacks, and sacks included, the gross weight shall be considered as actual weight, and in collating the result any overweight shall be taken to offset an equal amount of light weight. † When Buckwheat Flour is sold in sacks, and sacks included, net weight shall be considered actual weight.

RULE 10. Any defacing or changing of any Inspector's brand or marks placed by him on barrels or sample bags, by any person or persons, shall be reported by the Flour Inspection Committee to the Board of Directors; but the Inspector's brands on the barrels may be entirely removed, leaving the Flour to stand the same as if it had never been inspected.

\* Went into operation November 1, 1889.

† Amendment adopted April 11, 1893.

**RULE 11.** Sales of Flour shall be for cash on delivery, unless otherwise agreed. If delivery is delayed for convenience of buyer, the terms shall be cash on presentation of the bill. If payment of bill is refused for supposed light weight or damage, or error in the account, no greater amount shall be withheld than the damage, loss or error claimed.

**RULE 12.** When Flour is sold by sample or grade guaranteed, it must be inspected at the place where sold (there being no agreement to the contrary), and if not equal to sample there is no sale. If taken without inspection from the place where sold, and proven not equal to sample or grade, the buyer shall restore it without charge to the place of purchase.

**RULE 13.** A rejection of Flour shall not be valid unless notice thereof in writing shall be given the seller within forty-eight hours after the delivery. In case of Flour at railroad depots, wharves, or general storage warehouse, delivery of the railroad notice or order on the railroad company or warehouse to the purchaser shall constitute a tender of delivery.

**RULE 14.** Flour shall not be considered in merchantable condition unless in good round-hooped barrels and head-lined, and all Flour sold and not head-lined may be head-lined by the buyer at the expense of the seller, at not to exceed two (2) cents per barrel.

**RULE 15.** All Flour sold at railroad depots, or river or canal landings, shall be at the risk of the buyer after six o'clock in the afternoon of the day following the day on which the order is given for the same.

**RULE 16.** Sales of Flour may be entered on the Sales Book of the Chamber, but all sales recorded must be "cash" sales, and if not "cash" sales the condition of sale must be expressed.

**RULE 17.** Sales can not be recorded unless grade is established by inspection, and if grade is not established by inspection they can be recorded as sold "by sample."

**RULE 18.** Sales recorded upon the Sales Book will be recognized as reflecting the daily market values, and in the event of no sales being recorded it shall be the duty of the Market Reporter to call upon the Quotation Committee, whose duty it will be to make the quotation upon that day.

**RULE 19.** The standards of grades of Flour shall be as follows: *Winter Wheat*—Patent, Fancy, Family, Extra. *Spring Wheat*—\*Patent, Fancy, Family.

**RULE 20.** The Board of Directors shall, annually, after their election, in the month of October, appoint a Committee on Flour Inspection, consisting of five (5) competent members of the Cincinnati Chamber of Commerce who are known as members of the Flour trade. It shall be the duty of this committee to properly discharge the obligations imposed upon them, to consider and decide all disputes pertaining to matters of inspection arising between members dealing in Flour which may be submitted to them. A majority of the committee shall constitute a quorum, and a decision of a majority of those present shall be final and binding.

**RULE 21.** It shall be the duty of the Flour Inspection Committee to exercise general supervision over the inspection. They shall, each year, within two weeks after their appointment, establish standards of Flour for the following year, and secure and place in boxes in the Exchange Hall, for the use of the Inspector and dealers, and every three months renew fresh standards, but not with a view of changing the standards established.

### † RULE GOVERNING SALES OF HOGS.

In sales of Live Hogs, dockage shall be allowed on the following basis: On animals weighing over two hundred (200) pounds—Stags, eighty (80) pounds; Piggy Sows, forty (40) pounds. On animals weighing two hundred (200) pounds and under—Stags, forty (40) pounds; Piggy Sows, twenty (20) pounds.

The dockage to be agreed upon by the buyer and seller; in case of any dispute, then a third party shall be called in to decide the proper dockage, and the party losing shall pay to the arbitrator one (1) dollar for each and every time he shall serve.

\* Spring Patent created November 4, 1890.

† Adopted January 5, 1892.

## RULES FOR THE GOVERNMENT OF THE PROVISION TRADE.

**RULE 1.** The Committee on Provision Inspection shall act as referees in all cases of complaints against Inspectors, or the inspection of any lot of Provisions, or any matters of business pertaining to the same; but the buyer shall, in all cases, have the right to designate his own Inspector; but in case the seller feels that injustice is being done, he shall have the right to call upon the Committee of Inspection, whose decision shall be final and binding. Any Inspector agreed upon by parties to a transaction, shall be regarded as a regularly authorized Inspector, subject to the rules of the Chamber, and the Committee on Provisions shall constitute the committee of reference.

**RULE 2.** All appeals from inspection must be made before the property leaves the city, packing point, or place of delivery.

**RULE 3.** Pork products packed between November 1st and March 1st shall alone be classed as "Standard."

**RULE 4.** In sales of fully cured Meats, or to be fully cured and delivered at a specified time, the seller must deliver in good faith according to contract, the Inspector to be the judge, who shall always be fully informed of the conditions of the contract before proceeding to inspect. Where sales of Dry Salted Meats are made without other specifications, it shall be considered that the sales contemplate Meats fully cured, the Inspector to be the judge.

**RULE 5.** In case of no specific agreement, the saltage allowed on Bulk Meats shall be one (1) per cent. from the 1st of November to the 1st of May; but should the buyer or seller object, the Inspector shall sweep as many drafts as he may consider necessary, and the percentage thus obtained shall be binding on both parties. But from the 1st of May to the 1st of November, the tare shall be ascertained by washing in cold water with a cloth, in case of no special agreement to the contrary. A drainage of one (1) per cent. shall be allowed on Pickled Hams and Shoulders.

**RULE 6.** To determine the tare on Lard, the package shall first be weighed gross, the Lard then removed, and the empty package subjected to dry heat and drained; after which the empty package shall be weighed, and its weight deducted from the gross weight. The difference thus obtained shall be considered the net weight of the Lard.

**RULE 7.** Three hundred and twenty pounds, net, shall be the average weight of a tierce of Lard upon which all settlements with contractors shall be based; but the number of packages the contract calls for must be delivered, and the difference, if any, settled at the market price on the day of delivery.

**RULE 8.** Four hundred to four hundred and fifty pounds, net, shall constitute a box of Cumberland Middles, and four hundred and seventy-five to five hundred and twenty-five pounds, net, shall constitute a box of all other English cuts of Middles, Shoulders and Hams, and all boxes containing over five hundred pounds of Meat to have a third strap around the box. All settlements of contracts shall be made on a basis of four hundred and twenty-five pounds per box, net, for Cumberland cut, and five hundred pounds per box, net, for all other English cuts of Meats.

**RULE 9.** If, on inspection of a fair sample of Bulk Meats, twenty (20) per cent., or over, is found to be sour, the buyer shall not be required to take the lot.

**RULE 10.** All the foregoing rules must be justly and liberally construed, and no property shall be rejected or condemned on a mere technicality.

**RULE 11.** The Committee on Provisions shall not have power of arbitration, but shall be empowered to consider all cases in reference to quality of Meats, cooperage, etc., and parties refusing to abide the decision of the committee, while acting in their line of duty, shall be liable to arraignment for unmercantile conduct.

\***RULE 12.** In case of no specific agreement, contracts for 100 barrels of pork, 100 tierces of lard, 100 boxes dry salted meats, or for a larger amount, deliveries can be made on seller's option, or called for on buyer's option, in lots of not less than 100 packages, as named above, nor less than 100 packages of one brand.

Contracts for 50 hogsheads, or 50 half-hogsheads, of bacon or dry salted meats, or more, deliveries can be made on seller's option, or called for on buyer's option, in quantities of not less than 50 hogsheads or 50 half-hogsheads, and not less than this quantity of one brand.

Contracts for 100,000 pounds of bacon or dry salted meats, loose, or for a larger amount, deliveries can be made on seller's option, or called for on buyer's option, in quantities of not less than 100,000 pounds.

Contracts for 100 tierces of hams, or shoulders in pickle, smoked or canvased, or for a larger amount, deliveries can be made on seller's option, or called for on buyer's option, in lots of not less than 50 tierces, nor less than 50 tierces of one brand.

Payment to be made as lots are delivered.

**RULE 13.** It shall be the duty of the Inspector of Provisions to weigh stuff when called upon, receiving therefor a fee of five (5) cents per each one thousand (1,000) pounds, in addition to the inspection fee—the party ordering the weighing to be responsible for the fee.

**RULE 14.** The Inspector shall keep a record, in detail, of every examination he may make, that he may be qualified to testify positively in event of a dispute.

**RULE 15.** For the examination of provisions sold as "Regular," it shall be the duty of the Inspector (or his deputed assistants), on receiving notice, to go to any packing house or warehouse in the city to examine provisions in such quantities as may be required, selecting the same in such manner, from the lots specified, as in his judgment will give a fair sample of the whole.

**RULE 16.** If upon examination it is found in all respects up to the requirements, according to the classification or grades adopted by the Chamber of Commerce, he shall issue certificates to that effect.

When necessary to remove property for the convenience of examination, it shall be the duty of the Inspector to send for the same, that a fair sample may be obtained.

In no case should a certificate be granted on samples delivered by the seller.

**RULE 17.** The Inspector shall be entitled to receive as compensation for examining Provisions, as follows: For Beef and Pork, in barrels, five dollars for the first five barrels, the Inspector furnishing labor and other requirements, and seeing that the property is properly repacked and rebrined, and fifty cents for each additional barrel examined—payable by the buyer if regular, and by the seller if rejected, and cartage when removed; and for Bulk, Bacon or Boxed Meats, fifteen cents per one thousand pounds, payable by the buyer. For inspecting Lard, five cents per package, payable by the buyer if accepted, or by the seller if rejected; and for stripping Lard, one dollar per package, to be paid by the buyer. Five barrels of Pork or five tierces of Lard to be sufficient to sample any lot sold, unless otherwise agreed between buyer and seller.

**RULE 18.** It shall be the duty of the Inspector, when requested by the owner, either at any packing house, warehouse, or in yards provided by the Inspector, to overhaul and inspect Provisions according to the qualifications and classifications authorized; two hundred pounds of meat, with abundance of good salt, to be repacked in each barrel, and cooperage to be put in good order. Each barrel of Provisions that is sound, sweet, and free from any and every defect, to have grade and date of inspection branded thereon, and the word "Repacked," as hereinafter specified; and any portion that is defective, to be branded in like manner "Rusty," "Sour," or "Tainted," as the case may be; the said brand to be placed, with the Inspector's brand, across the regular packer's brand, such Pork, according to the grade or quality, to be classed as "Repacked, 200 pounds."

**RULE 19.** The Inspector shall use metallic letters and figures or marking iron for his dates and classes of inspection.

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\*As amended September 27, 1875.

**RULE 20.** It shall also be the duty of the Inspector to put his metallic brand or marking iron on samples of Provisions in packages that he inspects; and he shall pass no Pork products as "Regular" unless the real packer's name of the product contained therein is branded, according to these rules, on the head of each package.

**RULE 21.** In all cases of sales of Provisions as "Regular," the Inspector shall examine and inspect when called on; and if the property be up to the requirements, he shall issue a certificate simply for so many barrels or packages of product (naming it), for so many pieces or pounds of meat (naming the kinds).

**RULE 22.** Should the Inspector be called on to inspect Pickled Meats, and upon examination he should be of the opinion that the number of pounds required by these rules had not been packed, he shall not pass it as "Regular," but shall refer it at once to the Inspection Committee, who shall investigate, and if a satisfactory explanation can be given or arrived at, they shall instruct the Inspector to proceed and inspect and pass it; but if not satisfactory to the Committee, they shall, in their judgment, make the fact known to the Provision Trade in any way they may think proper.

**RULE 23.** All "Hog Products," to be "Regular," must be from corn-fed slaughtered hogs, not frozen before cutting, and shall average not less than fourteen pounds for Shoulders, or thirty pounds for Sides, and must run at least eighty per cent. sweet.

No hogs shall be killed on the same day on which they arrive at the pens of the slaughter-house

**RULE 24.** Where Meat is in store, it shall be weighed and inspected in store; where Meat arrives by river, rail or canal, it shall be inspected and weighed at house of buyer.

**RULE 25.** All Bacon, uncanvased, and Bulk Meats packed between March 1st and November 1st, shall be in fly-tight coopeage.

**RULE 26.** In all sales of Provisions for future delivery, either party may call for a margin, at any time, unless it is expressly understood between the parties, at the time the contract is entered into, that such call can not be made. In the absence of a special contract, either party shall be entitled to a margin equal to ten (10) per cent. of the market value of the article contracted to be delivered, the same to be kept good. Twenty-four (24) hours' notice in writing to residents, and forty-eight (48) hours' notice in writing or by telegraph to non-residents, shall be given on a call for a margin, and where a party fails to respond to such call within the said time, the property may be sold at public auction, on the floor of the Merchants' Exchange, during 'Change hours, on the following day, "for account of whom it may concern."

**\*RULE 27.** In settlement of contracts (unless otherwise specified) the following weights shall govern:

**Dry Salted Meats or Bacon—**

Packed in hogsheds, Shoulders,	-	-	-	-	-	1,000 pounds.
" " Rib Sides,	-	-	-	-	-	900 "
" " Clear Rib Sides,	-	-	-	-	-	950 "
" " Clear Sides,	-	-	-	-	-	1,000 "
Packed in half hhds., Shoulders,	-	-	-	-	-	550 "
" " Rib Sides,	-	-	-	-	-	500 "
" " Clear Rib Sides,	-	-	-	-	-	550 "
" " Clear Sides,	-	-	-	-	-	575 "
Hams or Shoulders, smoked and canvased, packed in tierces,						340 "
" " in pickle, packed in tierces (green weight),						300 "

**RULE 28.** All barreled Provisions offered for sale as "Regular" in this market must be cut, selected and packed, in all respects, as to quality and condition, equal to the classification of inspection as adopted by the Chamber of Commerce.

\*As amended September 27, 1875.

RULE 29. Unless otherwise stipulated, in all sales made of any of the grades of Provisions represented as "Regular," the seller shall be bound to fulfill his sale by the delivery of the quality called for by such sale, and which, on examination by the Inspector, has been certified by him to have been packed according to the classification, and is, at the time of delivery, in good merchantable condition in every respect.

Provisions from which any surplus gain has been removed, can not be classed as "Regular."

RULE 30. All Provisions sold in this market, in the absence of special agreement, shall be deemed "Regular," and the property must comply with the requirements of the Rules of Inspection of the Board. All Provisions sent to this market for sale, which are, in all respects, in conformity with these rules, shall be classed as "Regular."

RULE 31. No original weight shall be taken out of any package of Provisions, without removing the original packer's brand *entirely* from the head of the package, and the brand "Repacked" burned in the head distinctly.

RULE 32. In all cases, Product should be sold "Regular," but, in case a particular brand is sold, and, upon examination, the Product will not inspect "Regular," the buyer shall elect to take another brand, or the difference in value of the special brand shall be settled between the buyer and seller.

\*RULE 33. On sales of Provisions for future delivery, on buyer's option, if the buyer call before the expiration of the month of contract, the seller, if he so elect, shall in case of barreled meats and lard in tierces, have two working days' notice, and for boxed meats, pickeled or smoked hams, and shoulders in tierces, or dry salted meats, four working days to prepare property for delivery; and when, at the option of seller, the seller tenders before the expiration of the month of contract, the buyer, if he so elect, shall have the same time to prepare for receiving the same.

RULE 34. Buyers of Provisions on time contracts shall have the right to inspect before the day of delivery, provided they send an Inspector in time to allow the inspection to be completed before the expiration of the contract; but, failing to do so, the seller shall have the privilege of having the property inspected, the cost to be paid by the buyer.

†RULE 35. Where the buyer of Provisions fails to avail himself of the privilege of inspection, in the absence of any special agreement upon the part of the seller to guarantee his product, the liability of the seller shall, as to quality, saltage and weights, cease when the product shall have left his house.

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### ‡ RULES FOR THE REGULATION OF THE PROVISION CALL BOARD.

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RULE 1. There shall be one public call each business day, at 1 o'clock P. M., in the Pork-room, on mess pork, lard, bulk clear rib sides, and bulk shoulders, to be conducted by a person selected by the majority of the members present at the first meeting, or by any other person selected by those present, when such change becomes necessary. The months shall be called in their order, commencing with the current month and continuing through the four months immediately succeeding. No offer to buy or sell shall be entertained at a less difference than  $2\frac{1}{2}$  cents per hundred pounds on lard or meats, and  $2\frac{1}{2}$  cents per barrel on pork. The first offer to buy or sell at a price shall be accepted before subsequent offers at the same figures may be placed.

Subsequent offers to sell at a lower or buy at a higher price, shall vacate prior offers to sell at higher or buy at lower prices. A transaction shall vacate all previous bids and offers.

All disputes as to offers, bids, acceptances, or withdrawals (whether in time or not), shall be decided on the spot by the Caller, subject to an appeal to the members present. The appeal must be promptly taken, and a majority of the members present and voting shall settle the disputed point finally.

No dealings, nor bids at the call, shall be for a smaller quantity than 250 bbls. of pork, 250 tierces of lard, 50,000 lbs. of bulk meats, for future delivery, nor for less than car-load lots of all of

\* Adopted February 8, 1877.

† Adopted September 27, 1876.

‡ Adopted February 8, 1877.

the above for cash, or seller the month. All deliveries of property tendered under contracts must be accompanied by evidence of actual property (warehouse receipts or bills of lading, and certificates of inspection), and all property delivered must be regular under the rules of this Chamber. If buyers do not send Inspectors upon notice of delivery, by the time notified, the seller shall have the property inspected at the cost of the buyer.

**RULE 2.** Either party to a contract, during the life of such contract, shall have the right, First—To call an original margin of two dollars per tierce on lard, one dollar per barrel on pork, and fifty cents per hundred pounds on bulk meats, both parties depositing like amounts; and, Second—Either party may call additional margins to meet variations in the market, of not less than one-quarter of a cent per pound on lard and bulk meats, and fifty cents per barrel on pork. The party in whose favor the market is, shall not be required to deposit such margin. All margins on contracts shall be deposited with the National Bank of Commerce of Cincinnati.

When margins are called before 1 P. M., they must be deposited before 3 P. M. the same day, and if called after 1 P. M., must be deposited by 12 M. of the next day. When margins are called, original or for variations in the market, certified checks must be drawn to the order of the bank in which they are to be deposited. Checks must be sent to such bank, who shall give certificate of deposit in duplicate, made payable to the joint order of the buyer and seller. In case the two parties do not agree as to the amount due on a margin receipt, either of them may refer the matter to the Provision Committee for decision, which shall be final. On the decision of said committee, they shall promptly indorse to each party the amount each shall be entitled to by such decision, and the bank shall pay in accordance with such indorsement.

**RULE 3.** Contracts shall not be transferable, and any difference found to be due on settlement shall apply on account between the parties to the contract. Any party holding a contract against another, corresponding in all respects (excepting as to price) with one held by the other party against him, may close or cancel both, by giving notice to said party, and when it appears that several parties have contracts between each other, corresponding in all respects (except as to price), and that a ring settlement can be made, the party finding said ring shall notify all parties thereto, giving names, time of delivery, quantity and settlement price, and get their acknowledgment, from which time the said ring shall be in force, and can not be broken by the failure of any of the parties therein. And all parties thereto shall be compelled to settle their differences on said contract with each other, on the basis of the settlement price.

**RULE 4.** All notices for delivery of property sold on contract must be given to the first receiver before 12 M., and the last receiver before 4 P. M. of the same day, and on the day preceding the day of deliveries (Sundays and legal holidays excepted). In case of disputes arising under any contract which are not provided for under the rules, the parties thereto shall promptly agree to the appointment of two arbitrators, and these shall appoint a third, whose decision shall be final.

**RULE 5.** The buyer must pay for property (sold under contract) in cash, upon the presentation of bill (after notice of delivery), when accompanied by proper certificate of property and Inspector's certificate.

#### FORM OF BILL FOR PORK.

A. B.		CINCINNATI, February 1, 1877.
	Bought of C. D.	
250 bbls. Mess Pork. @ \$17 00, . . . . .		\$4,250 00
Inspector's charges, . . . . .		5 00
As per contract, . . . . .		\$4,255 00

#### FORM OF CERTIFICATE OF PROPERTY TO BE ATTACHED TO BILL.

CINCINNATI, February 1, 1877.

"I hold in store, subject to the order of A. B., 250 bbls. of Mess Pork, deliverable upon the return of this receipt and payment of charges for storage, 8c. per barrel for the first month, and 6c. per barrel for each additional month. Not insured. This property free of storage for five days."

"C. D."

Or, such like certificate that shall contain the words thereon: "This property free of charges for five days."

Buyers for cash or car-loads, desiring property delivered "F. O. B.," must so state in their bids "F. O. B." deliveries shall mean at "storage houses situated on lines of railroads, at railroad depots, or steamboats."

RULE 6. Fictitious sales are positively forbidden, and parties concerned shall be suspended or expelled from the Chamber of Commerce.

RULE 7. All the above rules, so far as practicable, with the exception of so much of Rule 3 as pertains to ring settlements (which shall be applicable to such ring settlements alone), shall apply to transactions in Provisions generally, and all rules of the Chamber conflicting therewith are hereby repealed.

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## RULES FOR THE CUT AND MANUFACTURE OF THE HOG PRODUCT.

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### BARRELED PORK.

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#### MESS PORK.

Mess Pork shall be cut and packed from Sides of well-fatted Hogs, in strips; the Hog to be first split through the backbone, or, if split on one side, then an equal proportion of hard and soft sides, as they are termed, must be packed, properly flanked, and not back-strapped. One hundred and ninety pounds of green meat, numbering not over sixteen pieces, including the regular proportion of flank and shoulder cuts, four layers placed on edge, without excessive crowding or bruising, must be packed into each barrel, with not less than thirty-five pounds of good foreign, or forty pounds of good domestic, coarse salt, and filled up with good, clear brine, as strong as salt will make it. The pork to be cut reasonably uniform in width. The packer's name and location, the date of packing, and the number of pieces and pounds of green meat in each barrel must be branded on the head with a metallic brand, marking-iron or stencil brand, at the time of packing.

#### PRIME MESS PORK.

Prime Mess Pork shall be made of the Shoulders and Sides of nice, smooth, fat Hogs, weighing from 100 to 160 pounds, net, regularly cut into square pieces, as near four pounds each as possible, the shank to be cut off close to the breast. Each barrel to contain one hundred and ninety pounds of green meat, in the proportion of twenty pieces of shoulder and thirty pieces of side cuts, and to be packed with twenty pounds of good, coarse salt, with the addition of eight ounces of saltpeter. The Prime pieces should be cut clear of the blade-bone. The shoulder pieces not to exceed eighty-five pounds in each barrel.

#### EXTRA PRIME PORK.

Extra Prime Pork shall be made from heavy, untrimmed Shoulders, cut into three pieces, the leg to be cut off close to the breast, to be packed one hundred and ninety pounds of green meat into each barrel, with the same quantity and quality of salt as Mess Pork.

#### LIGHT MESS PORK.

Light Mess Pork shall be made from the Sides of reasonably well-fatted Hogs, and in all other respects to be cut, selected, and packed the same as Mess Pork, except that as many as twenty-two pieces may be put into each barrel.

#### FAMILY MESS PORK.

Family Mess Pork shall be made from Backs of Hogs, after bellies have been taken off, cut into pieces about six pounds each, and in all other respects to be selected and packed in the same manner as Mess Pork.

#### EXTRA SHOULDER PORK.

Extra Shoulder Pork shall be made from heavy, trimmed Shoulders, cut into three pieces; the leg to be cut off close to the breast, and in all other respects selected and packed in the same manner as Extra Prime Pork.



**EXTRA CLEAR PORK.**

Extra Clear Pork shall be made from the Sides of extra heavy, well-fatted Hogs, the back-bone and ribs to be taken out, the number of pieces in each barrel not to exceed fourteen, and in all other respects to be cut, selected, and packed in the same manner as Mess Pork.

**CLEAR PORK.**

Clear Pork shall be made from the Sides of extra heavy, well-fatted Hogs, the back-bone and half the rib next to the back-bone to be taken out, the number of pieces in each barrel not to exceed fourteen, and in all other respects to be cut, selected, and packed in the same manner as Mess Pork.

**CLEAR FAMILY MESS PORK.**

Clear Family Mess Pork shall be made from the Backs of heavy, well-fatted Hogs, after bellies have been taken off and back-bone and ribs taken out, cut into pieces of about six pounds each, and in all other respects to be packed in the same manner as Mess Pork.

**RUMPS.**

Rumps shall be trimmed with only enough taken off to make them neat and smooth, the tails cut off close, each barrel to contain one hundred and ninety pounds of green meat, packed in the same quantity and quality of salt as Mess Pork, and the number of pieces to be similarly branded on each barrel at the time of packing.

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**PICKLED MEATS.**

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**STANDARD SWEET PICKLED HAMS.**

Standard Sweet Pickled Hams shall be cut short, and well rounded at the butt, properly faced, shank cut just in or above the hock-joint, to be reasonably uniform in size and average. Three hundred pounds, block weight, shall be placed in each tierce.

**STANDARD SWEET PICKLED SHOULDERS.**

Standard Sweet Pickled Shoulders shall be well cut and trimmed, shank cut in or above the knee-joint, to be reasonably uniform in size. Three hundred pounds, block weight, shall be packed in each tierce.

**NEW YORK SHOULDERS.**

New York Shoulders shall be made from small, smooth Hogs, shank cut off one inch above knee-joint, trimmed close and smooth, reasonably uniform in size, and to average, in lots, not to exceed fourteen pounds. Three hundred pounds, block weight, shall be packed in each tierce.

**SWEET PICKLED BELLIES.**

Sweet Pickled Bellies shall be made from nice, smooth Hogs, well cut and trimmed, to average, in lots, not to exceed fourteen pounds. Three hundred pounds, block weight, shall be packed in each tierce.

**BRANDING.**

The packer's name, location, number of pieces and date of packing shall be branded on the head of each package of Pickled Meats at the time of packing.

**UNIFORMITY OF PICKLED MEATS.**

All Pickled Meats shall be sized when packed—the light, medium and heavy separately, as near as practicable.

## CUT MEATS

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### HAMS.

Hams shall be short, well rounded at the butt, properly faced, cut just in or above the hock-joint.

### SHOULDERS.

Shoulders shall be cut at right angles to the side, and as close as possible to the back part of the fore arm-joint, butted off square on top, neck-bone and short ribs taken out, blood-vein lifted and cut out, breast-flap to be trimmed off, and foot to be cut off in or above the knee joint.

### BLADED SHOULDERS.

Bladed Shoulders shall be cut the same as "Standard" Shoulders, excepting the shoulder-blade to be taken out and the corners rounded.

### ROUGH SIDES.

Rough Sides shall be made by splitting the Hog through on one side of the back-bone, and an equal proportion of both Sides must be delivered on sales, to make them "Standard."

### SHORT CLEAR SIDES.

To make Short Clear Sides, the back-bone, breast-bone, and ribs shall all be taken out, and hench-bone sawed down smooth and even with the face of the Side, feather of blade-bone not to be taken out, edges to be left smooth, Sides not to be back-strapped or flanked.

### SHORT RIB SIDES.

To make Short Rib Sides, the back-bone should be taken out, hench-bone and breast-bone sawed or cut down smooth and even with the face of the Side, feather of blade-bone not to be taken out, and side not to be back-strapped or flanked.

### LONG CLEAR SIDES.

To make Long Clear Sides, the back-bone, shoulder-bones, ribs, and breast-bone must be taken out, leg cut off close to the brisket, hench-bone sawed down smooth and even with the face of the Side, and the Sides not to be back-strapped or flanked.

### CUMBERLAND SIDES.

To make Cumberland Sides, the Side and Shoulder should be left together in one piece; foot cut off in or above knee-joint; shoulder ribs, neck-bone, and back-bone taken out; blood-vein lifted and cut out; hench-bone and breast-bone sawed or cut down smooth and even with the face of the Side, and Sides not to be back-strapped or flanked. Ribs must not be scribed.

### LONG RIB SIDES.

Long Rib Sides to be made same as Cumberlands, except that the shoulder-bones must be taken out, and leg cut off close to the brisket.

### STRET福德 SIDES.

Stretford Sides shall be made from Hogs weighing about 140 to 160 pounds, net; back-bone and half the ribs taken out, blade-bone taken out, knuckle left in, and leg cut off close to the breast.

**BIRMINGHAM SIDES.**

Birmingham Sides shall be made from Hogs weighing about 170 pounds, net; back-bone, ribs, and blade-bone taken out, pocket-piece cut out, and pocket nicely rounded. knuckle-bone left in, and leg cut off close to the breast.

**SOUTH STAFFORDSHIRE SIDES.**

South Staffordshire Sides shall be made the same as Birmingham, except loin taken out full to top of shoulder-blade, leaving only a thin strip of lean along the back; knuckle left in, and leg cut off close to the breast.

**YORKSHIRE SIDES.**

Yorkshire Sides shall be made the same as Cumberlands, with the ribs out, the leg cut off about two inches above the knee.

**IRISH CUT SIDES.**

Irish Cut Sides shall be made the same as Long Clear, except top of the pocket cut off, knuckle-bone left in.

**LONG HAMS.**

Long Hams shall be cut from the Side by separating with a knife the hip-bone from the rump, properly rounded out, foot unjointed at first joint below the hock-joint.

**SOUTH STAFFORDSHIRE HAMS.**

South Staffordshire Hams shall be cut short, hip-bone taken out at the socket-joint, hock unjointed at first joint below the hock-joint.

**UNIFORMITY OF BOXED MEATS.**

In packing Meats in boxes, the pieces shall be classified—the light, medium and heavy separately, as nearly as practicable, in packages made to suit the different sizes.

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**L A R D .**

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**CHOICE LARD.**

Choice Lard to be made from leaf and trimmings only, either by steam or kettle-rendered, the manner of rendering to be branded on each tierce.

**PRIME STEAM LARD.**

Prime Steam Lard shall be standard, made from head, gut fat, leaf and trimmings, in the proportion in which the same come from the Hog.

**\*CURRENT MAKE LARD.**

Current Make Lard shall be standard, made from head, gut fat, leaf and trimmings, in the proportion in which the same come from the Hog; white and sweet; steam rendered.

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\* Adopted August 6, 1875.

## RULES FOR THE REGULATION OF THE TRADE IN COOPERAGE.

**RULE 1.** The Board of Officers (Directors) shall annually appoint a competent Inspector of Cooperage, who shall inspect all such Cooperage as he may be called upon to examine, according to these rules, determining with a wind-bellows the tightness of packages to hold liquids, lard or pickled meats.

**RULE 2.** The certificate of such inspector shall be binding in the settlement of any differences, as to quality, that may arise between the buyer and seller; but, in the event of either party feeling dissatisfied with such inspection, an appeal may be made to the Committee on Provision or Whisky Inspection, as the article inspected may properly belong to one or the other, and the decision of such committee shall be final.

**RULE 3.** The fees to be allowed the Inspector shall be as follows:

For seventy-five (75) or a less number of barrels, half barrels, kegs or tierces.....	\$1 00
For lots exceeding seventy-five (75) packages of the same, per package.....	1½c.
For hogsheads, half hogsheads, or boxes, per package.....	3c.

**RULE 4.** The fees shall in all cases be paid by the party employing the Inspector.

### PACKAGES.

Cooperage shall be made of well-seasoned white oak, free from objectionable sap.

### PORK BARRELS.

For Pork Barrels, staves shall be five-eighths ( $\frac{5}{8}$ ) of an inch thick, thirty (30) inches long; heads made in an eighteen (18) inch tress, one (1) inch thick in center and three-eighths ( $\frac{3}{8}$ ) of an inch at bevel; hoops of hickory, not more than ten on an end; barrel to be hooped not less than eleven-sixteenths (11-16).

### TIERCES.

Tierces for Hams, Shoulders or Lard shall be thirty-two (32) to thirty-three (33) inches long, heads made in twenty-one (21) inch tress-hoops and same thickness as for barrels; staves may or may not be chamfered at the head, as may be agreed upon by the buyer and seller; shall be three-quarters ( $\frac{3}{4}$ ) of an inch thick—quality of staves and hoops to be same as for barrels. Tierces to be hooped eleven sixteenths (11-16,) and to have not more than ten hoops to an end. Iron-bound Tierces, for Pickled Hams and Shoulders, shall be classed as "Standard" if made in compliance with the requirements of this rule as to heading and staves, and hooped with not less than three (3) good hoops on each end; the chime hoops to be 1¼ inches in width, the quarter and bilge hoops to be 1½ inches in width, and to weigh, per set, not less than ten (10) pounds to the tierce.

### LARD KEGS.

Lard Kegs shall be made of same quality of timber as Pork Barrels and Lard Tierces; staves to be 16½ inches long and  $\frac{5}{8}$  of one inch thick, to be made in 11½-inch tress-hoops; hoops to be hickory, and the packages to be fully two-thirds hooped.

### HALF BARRELS.

Half Barrels for Pork, Beef and Lard shall be made of same quality of timber as Barrels and Lard Tierces; staves to be 24 inches long and  $\frac{5}{8}$  to  $\frac{3}{4}$  of an inch thick, and the packages to be made in 15-inch tress-hoops; all hoops to be hickory, and packages to be fully two-thirds hooped.

**BEEF TIERCES.**

Beef Tierces shall be made the same as Lard Tierces, but to be entirely free from sap, and the second hoop from each end to be  $1\frac{1}{4}$ -inch iron, oiled or painted.

**SLACK HAM TIERCES.**

Slack Ham Tierces shall be made in 22-inch tress-hoops; staves to be 33 inches long, good hickory hoops. 3 hoops at the end and 3 at the bilge.

**SLACK AND FLY-TIGHT HOGSHEADS.**

Slack and Fly-Tight Hogsheads shall be made in 32-inch tress-hoops; good hickory hoops; staves to be 42 inches long. Slack Hogsheads to be hooped with 12 hoops and quarter bound; middle head-piece to be pine or oak. Fly-Tight Hogsheads to be same as slack, but to be hooped with 16 hoops instead of 12.

**HALF HOGSHEADS.**

Half Hogsheads shall be made in 28-inch tress-hoops; staves to be 34 inches long; good hickory hoops; packages to be quarter bound (12 hoops); middle head-piece to be of pine or oak.

**WHISKY BARRELS.**

Whisky Barrels shall be made of sound, well-seasoned white oak timber, clear of sap, to be made in  $20\frac{1}{2}$ -inch tress hoops; staves to be thirty-three (33) inches long and  $\frac{3}{4}$  of one inch thick, hooped with 6 iron hoops,  $1\frac{3}{4}$ -inch hoops at the head and  $1\frac{1}{4}$ -inch at the bilge and quarter—said hoops to weigh in all eight pounds; barrels to be bored and bunged.

**WHISKY HALF BARRELS.**

Whisky Half Barrels shall be made of same quality of timber as Barrels—to be made in  $16\frac{1}{2}$ -inch tress-hoops; staves to be 28 inches long and  $\frac{3}{4}$  of one inch thick; six iron hoops,  $1\frac{1}{4}$ -inch hoops at the heads and  $1\frac{1}{4}$ -inch at the bilge and quarter.

**KEGS.**

Kegs shall be made of same quality of timber as Barrels and Half Barrels.

*Ten Gallon Kegs*—to be made in  $12\frac{1}{4}$ -inch tress-hoops; 6 iron hoops, head hoops  $1\frac{1}{8}$  inches wide, bilge and quarter 1 inch wide; staves  $21\frac{1}{4}$  inches long.

*Six Gallon Kegs*—to be made in  $10\frac{1}{4}$ -inch tress-hoops; 6 iron hoops, same size hoops as ten gallon packages; staves 18 inches long.

*Five Gallon Kegs*—to be made in  $10\frac{1}{4}$ -inch tress-hoops; staves to be  $16\frac{1}{4}$  inches long; 6 iron hoops, head hoops 1 inch wide, bilge and quarter  $\frac{3}{4}$  inch wide.

*Four Gallon Kegs*—to be made in  $9\frac{1}{4}$ -inch tress-hoops; staves  $15\frac{1}{4}$  inches long; 6 iron hoops, head hoop 1 inch wide, bilge and quarter  $\frac{3}{8}$  inch wide.

**BOXES.**

Boxes should be made of sound common boards, reasonably dry, one (1) inch thick, dressed on one side, not over two (2) strips at each end, and three (3) strips to each side, bottom or top; to have good, strong, hard wood, white wood or sap pine stays inside each corner; shall be well nailed and strapped with birch, oak or hickory straps around each end, to lap three (3) inches on the cover. All boxes to contain five hundred (500) pounds, net, shall have three straps. Boxes shall be nailed together with ten-penny nails, and the stays nailed in with eight-penny nails.

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**\*RULES FOR THE GOVERNMENT OF THE TRADE IN HOPS.**

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**RULE 1.** It shall be the rule that a bale of Hops shall weigh not less than one hundred and seventy-five (175) or more than two hundred (200) pounds; but the tender or delivery of any lot of Hops, on a sale or contract, averaging one hundred and eighty-five (185) to one hundred and ninety (190) pounds, shall be deemed a compliance with this rule.

**RULE 2.** The sacking of Hops shall not weigh more than twenty-four (24) ounces per yard, and seven (7) pounds shall be deducted from the weight of each bale as tare; and any additional weight of sacking or any extraneous matter shall be considered as irregular, and the seller be liable to the purchaser for such excess.

**RULE 3.** Each and every bale of Hops sold by the grower, either to a dealer or consumer, must be marked with his (the grower's) name or initials, and the name of the State where the Hops have been raised, and the year produced.

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**RULES GOVERNING REPORTS OF SALES.**

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**RULE 1.** "Time Sales" may be entered on the daily Sales Book of the Chamber, with this condition specified.

**RULE 2.** Sales entered without conditions, will be understood to mean cash sales.

**RULE 3.** Sales in settlement of contracts, without the *bona fide* transfer of property, must not be entered as cash sales, but as "sales in settlement."

**RULE 4.** Sales consummated on refusals given the day before, may be entered with the conditions expressed.

† **RULE 5.** Sales made up to one o'clock only, may be reported as late as ten minutes past one o'clock.‡ Sales made after one o'clock may be reported the next day and entered as sales made "last evening."

§ **RULE 6.** All challenges of sales entered on the Sales Book must be made on the day of entry.

|| **RULE 7.** Sales made on 'Change of goods deliverable at other points, may be entered on the Sales Book, said delivery to be mentioned in the entry.

¶ **RULE 8.** Sales made on the Call-Board shall be entered on the Sales Book, the fact of the sales having been made on the call to be specified, and the entry to be made on the current day.

‡ **RULE 9.** All challenges of sales entered on the "Sales Book" shall be heard and determined by the appropriate standing Committees on Inspection.

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\* Adopted May 10, 1883.

† As amended November 2 and November 12, 1874.

‡ The time for reporting sales of grain was extended to 1:30 P. M., August 1, 1882.

§ Adopted December 15, 1874.

|| Adopted May 3, 1881.

¶ Adopted June 10, 1884.

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**\*RULES FOR THE CLASSIFICATION AND INSPECTION OF LUMBER.**

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**WHITE PINE LUMBER.**

**FIRST AND SECOND CLEAR.**—Shall be not less than ten inches wide, and perfect up to eleven inches in width; will then allow imperfections equal to bright sap one inch on one side of the whole length of the piece, if well manufactured; as width increases, will allow other or larger imperfections in knots or sap in proportion to the width, but not imperfections enough to decrease the value below the above described piece.

**THIRD CLEAR.**—Shall be not less than nine inches in width, and perfect up to ten inches; wider than ten inches, imperfections equal to bright sap two inches on one side of the whole piece, or two knots aggregating the size of a half dollar, will be allowed as to the general location and effect upon the use of the board.

**SELECTS.**—Take a piece twelve inches wide and twelve feet long as a basis; this width will admit of not to exceed three defects; if free from sap, may allow three knots aggregating the size of a silver dollar, or their equivalent, on one side; if free from knots, it may allow two saps equal to two inches on each side; if bright, pieces under nine inches wide must be perfect on one side; over twelve inches wide, defects may be allowed in proportion to width.

**FIRST COMMON.**—If narrow, one side may be well covered with bright sap running through one to one and one-half inches on each edge, no knots on face; such a piece may be from seven to ten inches wide; at ten to fourteen inches, some knots and less sap; this class makes good one-side lumber for finishing; and, in general, knots may be allowed of a character not to injure the piece for finishing purposes or for cutting up; a piece seven inches wide, for example, may have bright sap covering one side and running through on face one to one and one-half inches and no knots; a piece eleven to twelve inches wide may have four inches of heart on the sap side, the sap coming through to the face, and there may be two or three small knots on the face; pieces wider than twelve inches will be allowed imperfections proportionate to width.

**SECOND COMMON.**—This is a grade which, if not sap-stained, would go into First Common, and will admit of any amount of bright sap, together with round knots aggregating not over one and one-half inches in pieces fourteen inches or over wide, and shall be free from rot and shake.

**SHOP.**—This is a grade of lumber for cutting up for shop work; it may have large, loose, rotten knots, shake, and sap, and shall cut up at least sixty-six and two-thirds per cent. clear of knots and shake.

**THIRD COMMON.**—Shall be a coarser board or piece than Second Common, but the knots, while they may be larger, must be tight; this grade will admit of some shake at one end of the piece, also straight splits not to exceed one-fifth of the length of the piece.

**FOURTH COMMON.**—May have large, coarse, unsound knots, and shake.

**BOXING.**—This grade includes all boards with loose knots, red streaks, and bad shake.

**STRIPS.**

**CLEAR.**—1x4 and 1x6 shall be free from sap and all other defects, perfect in thickness and width.

† No. 1.—May have two or three small, sound knots, or bright sap one-half to three-fourths inch in width on one side of strip.

No. 2.—Will admit of any amount of bright sap, and not over three small, sound knots, each to be not larger than one inch in diameter, and be free from rot and shake.

No. 3.—Is a sound strip, and will admit of small, tight knots; must be free from rot, shake, hearts, and splits.

No. 4.—Is a coarse knotted strip, but the knots, while they may be large, must be tight; may contain some shake.

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\* Adopted by the Board of Directors February 12, 1889. † Amended August 22, 1889.

## FLOORING, CEILING, AND PARTITION.

CLEAR.—1x4 and 1x6 shall be free from sap and all other defects, perfect in thickness and width.

\*No. 1.—May have two or three small, sound knots, or bright sap one-half to three-fourths inch in width on one side.

No. 2.—Will admit of any amount of bright sap, and not over three small, sound knots, each to be not larger than one inch in diameter, and be free from rot or shake.

No. 3.—Will admit of small, tight knots, and must be free from rot, shake, hearts, and splits.

No. 4.—May be coarser than No. 3, but the knots, while they may be large, must be tight; may contain some shake.

No. 5.—May have large, coarse, or unsound knots, red streaks, and bad shake.

## SIDING.

CLEAR.—Must be free from all defects.

No. 1.—May allow two inches of bright sap one-half the length of the piece, or its equivalent; or if free from sap, may allow one or two small knots, each not to exceed one-half inch in diameter, if sound.

No. 2.—May allow on the face of the board bright sap, or three knots, if sound, each not more than one-half inch in diameter in a twelve-foot piece, and more in longer lengths; but a piece having both knots and sap must have less of each defect.

No. 3.—Must be sound, and will admit of sap and small, tight knots, and be free from rot, shake, hearts, and splits.

## YELLOW PINE.

## FLOORING, CEILING, AND PARTITION.

FIRST AND SECOND CLEAR.—Shall be free from knots, and may contain some bright sap.

FIRST STANDARD.—Will admit of bright sap, and not more than one small knot in a twelve-foot piece.

SECOND STANDARD.—Will admit of bright sap, and not over three small knots in a twelve-foot piece.

COMMON.—All stained sap and large knotted pieces shall go into this grade.

## POPLAR LUMBER.

In Poplar Lumber inspection, the Inspector is instructed to use his best judgment, based upon the general rules laid down for his guidance. He must inspect all boards and plank on the poorest side. The standard knot is to be considered as not exceeding one and one-fourth inches in diameter, and of a sound character. Splits are always a greater or less damage to Poplar Lumber, and will reduce a piece to one grade lower if the split is over twelve inches in length in boards and plank, or six inches in strips; but splits must be straight, and in one end only, to be allowed. All lumber must be sawed so that it will be of the standard thicknesses when seasoned. All lumber must be sawed square-edged, unless otherwise ordered; and boards and plank having bark and wane must be reduced one grade, and measured inside the wane or bark. All boards one inch thick and under shall be measured face measure. If sawed scant, must be placed in next thickness below. All badly mis-sawed lumber shall be classed as Culls. No cull is considered as having a market value which will not work one-half its size without waste. The lumber sawed for specific purposes must be inspected with a view to the adaptability of the piece for the intended use, as in many cases it can not be utilized for other purposes. In the inspection of the combined grades of Firsts and Seconds, sixty per cent. shall be Firsts, and may contain forty per cent. of Seconds. Standard lengths are always recognized as being twelve, fourteen, and sixteen feet; but ten per cent. of ten-foot lengths may be allowed. Shorter than ten feet does not come within the range of marketable, although sometimes admitted. Squares: the sizes shall be 4x4, 5x5, 6x6, 7x7, 8x8, 9x9, and 10x10. Worm-holes are to be considered as one of the most serious defects in Poplar Lumber.

\* Amended August 22, 1889.



**FIRST POPLAR LUMBER.**—One inch to two inches in thickness shall be eight inches and upwards wide and absolutely clear up to ten inches in width.

At eleven inches, one inch of bright sap will be allowed.

At twelve, thirteen, fourteen, and fifteen inches wide, two inches of bright sap will be allowed, or one standard knot.

At sixteen inches and over in width, three inches of bright sap on one edge will be allowed, or two standard knots.

**SECOND POPLAR LUMBER.**—One inch to two inches in thickness shall be eight inches and upwards in width; and at eight and nine inches wide will admit of one inch of bright sap, but no other defects.

At ten, eleven, and twelve inches wide, will admit of two inches of bright sap, or one standard knot.

At thirteen, fourteen, and fifteen inches wide, will admit of three inches of bright sap and one standard knot, or two standard knots if there is no sap.

At sixteen inches and over, will admit of five inches of bright sap and one standard knot; if there is no sap, then three standard knots will be admitted.

Two and one-half, three, and four inch First and Second Poplar shall be ten inches and over wide.

Three-eighths, one-half, five-eighths, and three-fourths inch Firsts and Seconds shall be ten inches and over wide, and contain not less than seventy-five per cent. of Firsts.

**POPLAR SQUARES.**—Shall be of the combined grades of Firsts and Seconds; 4x4 must be clear of all defects, excepting one-half inch of sap on the face side; 5x5 and 6x6 will admit of two inches of bright sap on one face; 7x7, 8x8, 9x9, and 10x10, will admit of three inches of bright sap on one face. Squares must be free of hearts and unsound knots.

**BOX BOARDS.**—Is a special grade.

**SAP CLEAR.**—Shall be sound, but not black, and six inches and over in width, and free from all defects.

**COMMON.**—Shall include any width not less than six inches, and will allow of bright or discolored sap and knots beyond those described in Seconds. Two unsound standard knots will be allowed in this grade if over twelve inches wide; and straight splits shall not be considered a defect; otherwise, lumber must be sound.

**CULL POPLAR.**—Shall include all grades not up to the standard of Common, and must be available one-half of its size without waste.

#### POPLAR STRIPS.

Poplar Strips shall be four and six inches wide, and known as Clear, Second Clear, and Common.

**CLEAR.**—Shall be free from all defects.

**SECOND CLEAR.**—May have bright sap, but be free from other defects.

**COMMON.**—May contain from one to four standard knots, and a slight amount of discolored sap.

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### HARD WOOD LUMBER.

#### BLACK WALNUT.

The grades of Black Walnut shall consist of the combined grades of Firsts and Seconds, Rejects, Shipping Culls, and Mill Culls. The combined grades of Firsts and Seconds shall consist of fifty per cent. of Firsts and fifty per cent. of Seconds, unless otherwise stated.

**FIRSTS.**—Shall not be less than seven inches in width; from seven to ten inches, shall be clear of all defects; ten to sixteen inches wide, may have one and one-half inches bright sap, or one standard knot; sixteen inches wide and upwards, may have two inches of bright sap, or two standard knots.

**SECONDS.**—Shall not be less than six inches in width; from six to eight inches, must be clear of all defects; eight to ten inches, will admit of one and one-half inches of sap, or two standard knots; ten to sixteen inches wide, will admit of two inches of sap, or two standard knots; sixteen inches wide and upwards, may have three inches of sap, or three standard knots; twelve inches wide and upwards, will admit of a split, if straight, one-sixth the length of the piece, provided the piece be equal to Firsts in other respects. Not over ten per cent. of Seconds will be taken with splits of the above character.

**REJECTS.**—Shall not be less than four inches in width; from four to seven inches, may have one inch of sap, or one standard knot; seven to twelve inches wide, may have two inches of sap, or two sound knots; twelve to eighteen inches wide, may have four inches of sap, or four sound knots; above eighteen inches, may have five inches of bright, sound sap.

**SHIPPING CULLS.**—Shall include all lumber not equal to Rejects, that will average and work one-half of its width and length without waste.

**MILL CULLS.**—Shall embrace everything not included in Shipping Culls, and must work one-fourth of its size without waste.

#### CHERRY.

Cherry shall be graded and inspected according to the rules given for Black Walnut, with the exception of gum specks. Gum specks in Cherry are a defect, and if excessive will lower the piece one or two grades.

#### BUTTERNUT OR WHITE WALNUT AND CHESTNUT.

Butternut or White Walnut and Chestnut shall be inspected Firsts and Seconds, and Culls.

**FIRSTS AND SECONDS.**—Must not be less than six inches wide and clear up to eight inches; but at eight inches, may have one inch of sap or two standard knots. Defects may increase with the width, in proportion. Worm-holes are absolutely excluded from this grade.

**CULLS.**—Shall include all lumber not up to the standard of Seconds, but shall work not less than one-half of its size.

#### RED SWEET GUM.

Red Sweet Gum shall be inspected according to the rules governing Poplar, with the exception of sap on Firsts and Seconds, two inches of sap being the extreme width allowed on pieces eighteen inches wide and upwards, a proportionate amount being allowed on pieces running from that down to ten inches.

#### ASH, BEECH, COTTONWOOD, SUGAR MAPLE, SOFT OR WATER MAPLE, AND SYCAMORE.

Ash, Beech, Cottonwood, Sugar Maple, Soft or Water Maple, and Sycamore shall be inspected according to the rules governing Poplar, with the exception of bright and sound sap, which will not be considered a defect.

#### PLAIN OAK.

**FIRSTS.**—Shall not be less than eight inches in width; from eight to twelve, shall be clear; twelve to sixteen inches wide, may have one standard knot; sixteen to twenty inches wide, may have two standard knots, showing on one side only, or two inches of sound sap. Worm-holes will not be admitted.

**SECONDS.**—Shall not be less than six inches in width; from eight to twelve inches, may have two standard knots; twelve to sixteen inches, may have three standard knots; sixteen to eighteen inches, may have three inches of bright, sound sap.

Live sap admitted on one side in the grades of Firsts and Seconds in Plain Oak, not to exceed one-fifth of the surface, if without other defects.

**CULL AND COMMON OAK.**—Shall be inspected according to the rules governing Poplar.

#### QUARTERED OAK.

**FIRSTS.**—Shall not be less than six inches in width; from six to eight inches, must be clear; eight to twelve inches, may have one standard knot, showing only on one side, or an equal defect.

**SECONDS.**—Shall not be less than five inches in width; five to nine inches, may have one standard knot, or equal defect; nine to twelve inches, may have two standard knots, or an equal defect.

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**\* RULES GOVERNING THE BUTTER AND CHEESE TRADE.**

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**RULE 1.** The following rules shall govern the purchase and sale of Butter and Cheese by and between members of the Cincinnati Chamber of Commerce, other than specially provided for by the Call Board rules.

**RULE 2.** There may be a Call for the purchase and sale of Butter, Eggs and Cheese, or Butter, Egg and Cheese contracts during 'Change hours on all business days. The Call shall be after such forms as the Board of Directors may adopt, and shall be made to cover all grades of Butter and Cheese, and may be varied during the different seasons as may be required.

**RULE 3.** An Inspector shall be appointed by the Board of Directors, who may be called upon by either the buyer or seller, who shall, when so called, inspect all Butter and Cheese. His compensation shall be as follows: two (2) cents per hundred pounds; but no fees shall be less than fifty (50) cents. The party against whom the decision is rendered shall pay the Inspector's fee. Sales shall be deemed as binding unless the goods sold prove, upon inspection, to be inferior to the grade specified in the sale. In event of a dispute upon the grade between the buyer and seller, if either party shall feel aggrieved by the decision of the Inspector, they shall have the right to appeal to three members of the Chamber, one to be chosen by the buyer, and one by the seller, who, failing to agree, shall select a third, and their decision shall be final. If a decision shall be rendered in favor of the seller, the buyer shall be bound to receive the goods at the price stipulated at the time of purchase. When a decision is rendered in favor of the buyer, the seller shall make good the delivery of other goods of equal quality and grade previous to 3 P. M., or pay the penalty, and all expenses shall be borne by the party against whom the decision is given.

**RULE 4.** Transactions in Butter and Cheese for immediate delivery shall be deemed as consummated upon announcement of the purchase or sale under the Call, or elsewhere between members. The penalty for non-fulfillment of contract on the part of either buyer or seller shall be five per cent. of the contract price of the goods, except in the transactions of future delivery of Butter and Cheese, where the penalty shall be the difference between the contract price and the market price of the goods on the day on which the fulfillment of the contract shall be demanded, which difference shall be settled by the Butter and Cheese Inspection Committee. But nothing in this rule shall be construed to prevent a different settlement by mutual agreement. Settlement for future deliveries shall be made on the basis of sixty (60) pounds for tubs, and one hundred (100) pounds for firkins.

**RULE 5.** All sales by members on 'Change of Butter and Cheese shall be considered as cash, unless otherwise agreed between buyer and seller.

**RULE 6.** No reclamation for tare on butter packages shall be allowed unless returned within one week from date of sale.

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**CLASSIFICATION OF BUTTER.**

**CREAMERY**—This grade shall be composed of the highest quality of Elgin, Ohio, Indiana and Western; fresh, sweet, and uniform in color, in regular style new packages.

**No. 1 DAIRY.**—Butter of this grade shall be of the highest grades of butter made, outside of creameries, and shall be in regular style of packages, fresh, sweet, and uniform in color.

**No. 2 DAIRY.**—Butter of this grade shall be comprised of sweet butter, but of uneven color and style of package.

**No. 3 DAIRY.**—Butter of this grade shall consist of all grades between the quality of too poor for No. 2 Dairy and the best grades of Grease Butter.

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**CLASSIFICATION OF CHEESE.**

**FANCY.**—Shall be full cream, perfect in flavor, close made, fine texture, well cured, of uniform color and perfect surface. Boxes to be in good order.

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\* Adopted May 15, 1894.

**CHOICE.**—Shall be slightly, or what is understood in this market as part skimmed, clean flavored, good texture, good surface, and boxes in good order.

On all Cheese offered, the seller shall designate in what section of the country they are made; also state quality and grade. Known marks may be offered on their reputation and may not be full cream.

Off flavored, out of condition, hard skinned, and any grade not classified, may be offered, subject to inspection, by the buyer.

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### \* RULES GOVERNING THE EGG TRADE.

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**RULE 1.** The following rules shall govern the purchase and sale of Eggs by and between members of the Cincinnati Chamber of Commerce, other than specially provided by the Call Board rules.

**RULE 2.** Parties offering Eggs for sale under the Call shall, when required, name the State where the Eggs were put up or forwarded; or they may be offered by the designating mark, or the mark or name by which they were known in the trade. When Eggs are offered and purchased by their designating mark, or the mark or name by which they are known in the market, there shall be no difference as to quality or condition. The purchaser must accept the Eggs unless it is shown that they have been damaged by some accident, or put up with some evident intent to defraud, or have been held for speculation, or otherwise, out of the regular course of shipments.

**RULE 3.** Eggs shall be classified as follows: Firsts, Seconds and Thirds. This classification, together with naming the locality in which the Eggs are put up, shall be the form of offering Eggs on Call or elsewhere, when they are not known by marks. When sales are made under the classified Call, the Eggs shall be ready for delivery not later than 3 o'clock, P. M., and this rule shall apply to all deliveries unless otherwise agreed to by both buyer and seller; and such sales shall be deemed as binding unless the Eggs sold prove, upon inspection, previous to delivery, or within twenty-four hours thereafter, to be inferior to the grade specified in the sale. In the event of a difference upon the grade between buyer and seller, the Eggs shall be inspected by the Egg Inspector. It shall be the duty of the Inspector, in his return, to state whether the stock so inspected is Firsts, Seconds or Thirds, and this decision shall be final. If this decision is in favor of the seller, the buyer shall be bound to receive the goods and pay for the inspection. If the decision is in favor of the buyer, the seller shall pay for the inspection and pay the buyer five (5) cents per case penalty, or at that rate, and take back his goods, paying all cartage on the same. Parties desiring inspection must so inform the Inspector on or before 4 o'clock, P. M., on the day of sale. The Inspector must notify both buyer and seller of his decision within twenty-four hours of sale. This rule does not prohibit parties settling without the aid of inspection where both buyer and seller mutually agree to do so. If upon the first delivery to buyer, the goods so delivered do not appear, upon examination, to be of the grade sold, the seller may make a second delivery, or call in the Inspector, in which latter event he shall be barred a second delivery, and the decision of the Inspector shall be final. Both deliveries must be made on the day of purchase, unless otherwise mutually agreed to by both parties. In the event of an extra delivery, the seller shall pay all extra cartage. The same classification shall be used for limed or cold storage Eggs as for fresh, but the explanation of the classification shall be different. The form of the Call for limed or fruit-house Eggs shall be the same as for fresh, except that the word "limed" or "cold storage" shall be inserted between the words "for" and "eggs."

**RULE 4.** Eggs sold under the Call may be inspected at the option of the buyer or seller, and this inspection shall settle the loss finally. The proportion of packages to be taken out in all cases shall be three out of ten, four out of twenty, five out of thirty, seven out of fifty, and ten out of one hundred. The party who elects to have Eggs inspected shall pay for the same, except as provided under Rule 3.

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\* Adopted May 15, 1894.

**RULE 5.** Contracts made for future delivery, when the same are buyer's option, the buyer shall give the seller notice to deliver before 10 A. M., on the day of demand, and the seller shall deliver the same as spot sales, and if no demand for the goods is made by the buyer previous to the expiration of the contract, the seller shall give notice of his readiness to deliver, which shall be deemed a proper tender. The seller shall have the privilege of two deliveries, as in spot sales; inspection to be made the same as for Eggs sold for spot delivery. Eggs sold at seller's option, the seller shall also have the privilege of two deliveries, as at buyer's option.

**RULE 6.** All sales of Eggs by members of the Chamber shall be considered as cash, except otherwise agreed between buyer and seller; and the delivery to be regular shall be at the business house of the seller, or at any business house within the city limits, provided that the drayage shall not exceed fifty (50) cents on any one lot of twenty-five (25) cases or less, or two (2) cents per case on round lots of twenty-five (25) cases or over, unless there be a fraction of a load in said lot, which said fraction shall be counted the same as a full load; and if in excess of that amount, the difference shall be paid by the seller. In delivering round lots of twenty-five (25) cases or over, no number less than twenty-five (25) cases shall be delivered at any one time, unless there be a fraction of a load in the lot, in which case it may be delivered the same as if a full load.

**RULE 7.** All difference of opinion as to the construction of the foregoing rules shall be decided by the Egg Inspection Committee, unless one or more of said Committee be interested, in which case the Superintendent, or some member of the Chamber shall serve in the place.

**RULE 8.** In the case of the death or absence of the Inspector, or his inability from any cause to act, any member of the Egg Inspection Committee may fill his place and perform his duties.

**RULE 9.** The fees of the Inspector shall be ten (10) cents per case, on the lot so inspected; no fee to be less than twenty-five (25) cents. Loss on Eggs to be computed upon the basis of thirty (30) dozen to the case.

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#### DESCRIPTION OF THE CLASSIFICATION FOR FRESH EGGS.

**FIRSTS.**—Firsts shall comprise fine marks of Eggs, fresh and reasonably clean; such stock as gives good satisfaction to consumers.

**SECONDS.**—Seconds shall comprise all stock that is merchantable, and inferior to Firsts.

**THIRDS.**—Thirds shall comprise all poor stock, in bad order, rotten, etc.; stock considered not really merchantable.

**KNOWN MARKS.**—Known Marks shall comprise such sorts as are well known to the trade under some particular designation or mark, and shall be of such quality as those familiar with the mark generally understand it to be in the season in which it is offered. The period at which Eggs are to be sold "at mark" or "loss off" to be regulated by the Egg Inspection Committee, and who must give seven days' notice when such rules shall take effect.

**TO PASS.**—Firsts, to pass at the marks, must not lose to exceed one (1) dozen to the case of thirty (30) dozen. Seconds, to pass at the marks, must not lose to exceed one and a half (1½) dozen to the case of thirty (30) dozen. But should Eggs inspect as Firsts or Seconds in quality, and the loss exceed the amount provided to pass at the marks, the seller shall lose such excess in loss.

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#### DESCRIPTION FOR THE CLASSIFICATION OF LIMED AND COLD STORAGE EGGS.

**EXTRAS.**—Shall comprise the very finest marks of Limed or Cold Storage Eggs; bright, clean Eggs, put up in the finest manner, where every condition necessary to produce Fancy Limed or Cold Storage Eggs has been complied with.

**FIRSTS.**—Firsts shall comprise fine marks of Limed or Cold Storage Eggs, such as come in car-load, or smaller lots, and are packed in fine order and reasonably clean; such stock as gives good satisfaction to most consumers.

**SECONDS.**—Seconds shall comprise all stock that is merchantable and inferior to Firsts.

**THIRDS.**—Thirds shall comprise all poor stock, in bad order, rotten, etc.; stock not considered really merchantable.

**To Pass.**—To pass at the marks, the same rules shall govern as for fresh.

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### \*RULES GOVERNING THE FRUIT AND VEGETABLE TRADE.

#### APPLES.

**RULE 1.** Sales of Apples on Call shall represent not less than one hundred (100) barrels if from store, and straight lots on arrival at railroad or river in lots of not less than twenty-five (25) barrels in each shipment.

**RULE 2.** The different grades of Apples shall be known as Prime, Seconds and Rejected, which shall conform to the following description:

Prime shall be sound, of good size, well sorted, well packed, unmixed and fairly uniform throughout the package.

Seconds will represent small, sound, well packed fruit.

Rejected will embrace decayed, frosted or wormy fruit.

**RULE 3.** A barrel of Apples shall contain not less than two and three-quarters ( $2\frac{3}{4}$ ) bushels.

#### PEACHES.

**RULE 1.** Sales of Peaches on Call shall be in lots of twenty-five (25) boxes or twenty-five (25) packages, or more.

**RULE 2.** The grades of Peaches shall be designated as No. 1, No. 2, No. 3, and Rejected, and shall conform to the following description:

No. 1 shall be sound, large, smooth, uniform in size and quality throughout the package.

No. 2 shall be of medium size, sound and reasonably uniform throughout the package.

No. 3 will consist of sound and mixed fruit.

Rejected will represent all grades below No. 3.

#### POTATOES.

**RULE 1.** Potatoes sold on Call shall represent only car lots, or straight lots on arrival at railroad or river amounting to twenty-five (25) barrels or sacks or more, in each shipment, and one hundred (100) barrels or sacks from store.

**RULE 2.** The grade of Potatoes shall be designated as Choice, Prime, Common and Rejected, and shall conform to the following description:

Choice shall be large, or fairly large, sound, smooth, unmixed, well sorted, and free from faulty and small potatoes.

Prime shall be sound, of fair size, well sorted and unmixed.

Common will embrace sound, mixed or small rough potatoes.

Rejected will embrace unsound and frosted stock.

**RULE 3.** A barrel of Potatoes shall contain not less than two and three-quarters ( $2\frac{3}{4}$ ) bushels.

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#### INSPECTION.

**RULE 1.** The Inspector shall, when called upon to act by any member of the Chamber, inspect any fruits or vegetables, and report the quality or grade, according to the rules.

**RULE 2.** Fees shall be regulated by the Board of Directors, and shall be paid by the party against whom the decision is rendered. An appeal from the decision of the Inspector can be made to the Inspection Committee.

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\* Adopted May 15, 1894.

**RULE 3.** The inspection fee shall be as follows: Potatoes, two (2) cents per barrel; on Apples, two (2) cents per barrel. No inspection less than fifty cents. Car lots in bulk, \$1.50 per car.

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**\* RULES OF THE PRODUCE CALL BOARD.**

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**RULE 1.** A "Call" for the purchase and sale of such goods as may be dealt in by members of the Chamber shall be held during 'Change hours on all business days, whenever ten (10) members are present and desire the Call to proceed, and subject to the rules, adopted by this body, governing the purchase and sale of the articles offered.

**RULE 2.** The Call shall be under the direction of the Superintendent, who shall designate the Caller, and shall take place at 12 o'clock, M., unless otherwise changed by a vote of the members present.

**RULE 3.** Parties offering goods shall specify the quality or grade to which they belong, and section from which they came, if requested, and unless otherwise stated by the Caller or the party offering, shall be understood as of the highest grade of the article offered.

**RULE 4.** Upon the announcement of the Caller, offers to buy or sell shall be in order. The first offer to buy or sell shall first be accepted before subsequent offers at the same price may be placed; but offers not accepted may be withdrawn, at the option of any party offering. Offers to sell at a lower, or buy at a higher figure, shall vacate all previous bids, as also a transaction. All differences as to offers, acceptances, irregular bids or withdrawals shall be decided at once by the Caller, subject to an appeal to the members present.

**RULE 5.** The Superintendent shall keep or direct the record of the bids, offerings and transactions in a book kept for the purpose.

**RULE 6.** The following shall be the order and conditions of the Call, which may be varied during the different seasons, as may be required, viz.:

**BUTTER.**—Spot and Futures, Creamery, No. 1 Dairy, No. 2 Dairy and No. 3 Dairy. Not less than five (5) tubs. Bids limited to one-quarter ( $\frac{1}{4}$ ) cent per pound.

**CHEESE.**—Spot and Futures, Fancy and Choice. Not less than twenty-five (25) boxes. Bids limited to one-eighth ( $\frac{1}{8}$ ) cent per pound.

**APPLES.**—Green, car lots on track, arrivals at river, from store, one hundred (100) barrel lots.

**POTATOES.**—Car lots on track, arrivals at river, from store, one hundred (100) barrel lots. Apples and Potatoes limited to straight shipment on arrival, twenty-five (25) barrels or sacks, or over, and one hundred (100) barrels or sacks from store.

**DRIED FRUIT.**—Apples, Peaches.

**MISCELLANEOUS ARTICLES.**—Seeds, etc. In lots and bids at discretion of Caller.

**EGGS.**—In Cases. Week. Month. Next Month. Firsts, usual merchantable quality, Spot and Futures. Seconds, second quality, Spot and Futures. Known Brands, Barrels, At Mark. Not less than ten (10) cases. Bids limited to one quarter ( $\frac{1}{4}$ ) cent per dozen.

There shall be annually appointed a Committee of five (5) on quotations whose business it shall be to post prices of Eggs, Butter and Poultry, etc., daily.

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\* Adopted May 15, 1894.

# TARIFF OF CHARGES

FOR

## STORAGE, COMMISSIONS, TARES, ETC.

ADOPTED BY THE BOARD OF DIRECTORS OF THE CINCINNATI CHAMBER OF COMMERCE  
SEPTEMBER 10, 1888.

### RATES OF STORAGE.

	1st Month.	2d Month		1st Month.	2d Month
Apples, Green, per bbl.....	5c	4c	Canned Goods, 1 gal., per case.....	3c	2½
“ Dried, per bbl.....	5	4	“ “ ½ gal., per case.....	2	1½
“ Dried, per sack.....	3	2½	“ “ 3 lbs. (2 doz.), per case	2	1½
“ Evaporated, per case.....	2	1½	“ “ 2 lbs. (2 doz.), per case	2	1½
“ 1 gal., per case.....	2½	2	“ “ 1 lb. (2 doz.), per case	2	1½
“ ½ gal., per case.....	2¼	1¾	Cement, per bbl.....	10	8
Ashes, Pots and Pearls, per tierce...	8	6	Cheese, per box.....	3	2
Bagging, per piece.....	5	4	Cider, per bbl.....	10	8
“ per 100.....	5	4	Coal Oil, per bbl.....	12	10
“ per 50.....	2½	2	Coffee, per bag.....	5	4
“ per 35.....	2	1¾	“ 100 lbs., per case.....	5	4
“ per 30.....	2	1½	“ 60 lbs., per case.....	4	3
Bags, Gunny, per bale.....	15	15	Cotton Ties.....	2	1½
“ Jute, per bale.....	10	8	Cotton Yarn, per bag.....	5	5
“ Seamless, per bale.....	5	4	Cranberries, per bbl.....	10	8
Barytes, per bbl.....	15	10	Crockery, per crate.....	30	25
Batting, 100 lbs., per bale.....	6	5	Currants, per cask.....	25	20
“ 50 lbs., per bale.....	4	3	“ per bbl.....	10	8
“ 25 lbs., per bale.....	3	2½	Dried Fruit, per bbl.....	5	4
Beans (large), per sack.....	5	4	“ “ per sack.....	3	2½
“ (small), per sack.....	3	2	Dry Goods, per case.....	15	15
“ per bbl.....	6	5	“ “ per bale.....	10	10
Beef, per bbl.....	10	8	Earthenware, per cask or crate.....	50	50
“ per tierce.....	12	10	Eggs, case, per season.....	35	
Bitters, 1 doz., per case.....	3	1½	Fish, per bbl.....	4	3
Boots and Shoes, per 100 lbs.....	10	10	“ per ½ bbl.....	3	2
Borax, per bbl.....	8	6	Flour, per bbl.....	5	4
Bottles, per cask.....	50	40	“ in sacks, reduced to barrels, same rate as barrels.		
“ per tierce.....	40	35	Glass, Window, 400 bxs. in car, per box.....	2	2
“ per bbl.....	10	8	“ Window, 200 bxs. in car, per box.....	3	3
Broom Corn, per bale.....	15	10	“ Window, 100 bxs. and less in car, per box.....	5	4
Brooms, per doz.....	5	4	“ Window, very large, imported, per box.....	40	35
Buckets, per doz.....	5	5			
Butter, per bbl.....	15	15			
“ in firkins or tubs, for 100 lbs., per season.....	40				
Candles, per box.....	2	1½			



	1st Month.	2d Month		1st Month.	2d Month
Glassware, per cask.....	50c	50c	Paper, per bundle.....	1c	1c
“ per crate.....	50	50	“ News, rolls, per car.....	\$10 00	\$9 00
“ per tierce.....	15	10	Peaches, Dried, per bbl.....	5	4
“ per bbl.....	5	4	“ “ per sack.....	4	3
“ per case.....	8	4	Peanuts, per bag.....	5	4
Glucose, per bbl.....	15	12	Peas, per bbl.....	5	4
Grain, in elevator, regular elevator charges.			“ per sack.....	5	4
“ in sacks, per sack.....	3	3	Pecans, per bbl.....	5	4
Hams, per tierce.....	10	8	“ per sack.....	4	3
Hay, per ton.....	\$1 00	75	Pepper, per package.....	4	3
“ hard pressed, per bale.....	15	10	Pickles, per bbl.....	10	9
“ loose pressed, per bale.....	15	12	“ per ½ bbl.....	8	6
Hemp, per bale (large).....	25	25	“ gallon cases.....	3	3
“ per bale (small).....	15	15	“ ½ gallon cases.....	2	2
Hides, dry, car-load lots, each.....	2	1½	“ ¼ gallon cases.....	2	2
“ wet, car-load lots, each.....	3	2	“ pints.....	2	2
“ car load-lots, per bale.....	50	40	Pimento, per package.....	4	3
Highwines, per bbl.....	10	10	Pitch, per bbl.....	6	5
Hops, Domestic, per bale.....	20	15	Plaster, per bbl.....	10	8
“ German, per bale.....	25	20	Portland Cement.....	10	8
Horseshoes, per keg.....	5	5	Potash, per box.....	1	1
Household Goods, furniture car.....	\$3 50	\$3 50	Potatoes, per bbl.....	5	4
Iron and Steel, per 100 lbs.....	2	1½	“ per sack.....	4	3
Iron, Pig or Blooms, per ton.....	5	5	Prunes, per cask.....	40	35
Kraut, per cask.....	25	20	“ per sack.....	5	4
“ per bbl.....	15	10	Queensware, per cask.....	50	50
“ per ½ bbl.....	12	10	“ per crate.....	50	50
Lead, per 100 lbs.....	2	1½	Rags, per bale.....	50	50
Lead, White or Red, per 100 lbs.....	4	3	Railroad Spikes, per keg.....	6	4
Leather, per roll.....	10	10	Raisins, per box.....	2	2
Lemons, per box.....	10	8	Rice, per bbl.....	8	6
Lime, per bbl.....	6	6	“ per sack.....	8	6
Liquors, Foreign and Domestic, per ½ pipe.....	20	20	Rope, per coil (small).....	3	2
“ Foreign and Domestic, per ¼ pipe.....	10	10	Rosin, per bbl.....	6	5
“ Foreign and Domestic, per bbl.....	10	10	Salt, per bbl.....	5	4
Macaroni, per box.....	3	2	“ Turk's Island, per bag.....	3	3
Merchandise of all kinds, not speci- fied, per 100 lbs.....	15	15	“ Liverpool, per bag.....	5	4
Mill Feed—Bran, Middlings, etc., per sack.....	4	3	Salt peter, per bag.....	4	3
Molasses, per bbl.....	10	8	Seed, Clover, per bag.....	3	3
Moss, per bale.....	20	15	“ Timothy, per bag.....	3	3
Nails, per keg.....	3	2	“ Flax, per bag.....	2	2
Nuts, per bbl.....	6	4	“ Red Top, per bag.....	4	4
“ per sack.....	4	3	“ Millet, per bag.....	4	3
Oakum, per bale.....	3	3	“ Hungarian, per bag.....	4	3
Oil, per bbl.....	10	8	Shot, per keg.....	6	5
“ Petroleum, per bbl.....	25	25	Soap, per box.....	2	2
Onions, per bbl.....	5	4	“ per case.....	2	2
“ per sack.....	5	4	Soda Ash, per cask (large).....	50	40
Oranges, per box.....	10	8	“ “ per cask (small).....	40	30
“ per bbl.....	10	8	“ “ per tierce.....	30	25
Paint, per bbl.....	12	10	Soda, Caustic, per drum.....	12	10
			“ Sal, per tierce.....	8	8
			Starch, per box.....	2	2
			“ per bbl.....	5	4
			“ per crate.....	5	4
			“ per case.....	2	2
			Stoves, large, each.....	35	30

	1st Month.	2d Month.		1st Month.	2d Month.
Sugar, per bbl.....	6c	5c	Whiting, per bbl.....	10c	8c
" per hhd.....	30	25	Wine, per cask.....	20	20
Tallow, per bbl.....	12	10	" per ¼ cask.....	10	10
Tar, per bbl.....	10	8	" per case.....	3	3
Tea, per chest.....	8	8	Wool, per sack.....	12	10
" per ½ chest.....	5	5	Yarn, Wool and Cotton.....	12	10
" per caddy.....	2	2			
Tin, 20x28, per box.....	3	3			
" 14x20, per box.....	2	2			
" 14x14, per box.....	2	2			
Tobacco, Leaf, per hhd.....	50	40			
Tubs, per nest.....	5	4			
" per doz.....	15	13			
Turpentine, per bbl.....	15	12			
" 10 gallons, per case.....	4	3			
" 5 gallons, per case.....	3	3			
Vinegar, per bbl.....	10	8			
Whisky, per bbl.....	10	10			

## EMPTY COOPERAGE.

Flour Barrels, each.....	2	2
Ham Tierces, each.....	3	3
Hogsheads, each.....	10	10
Lard Kegs, each.....	1	1
Lard Tierces, each.....	3	3
Molasses Barrels, each.....	3	3
Oil Barrels, each.....	3	3
Pork Barrels, each.....	3	3
Whisky Barrels, each.....	3	3

## COMMISSIONS.

On sales of Flour, per bbl.....	10	cents.	out, per bushel.....	1½	cents.
On purchase of same, cash in hand.			On Seed, Clover.....	1½	per cent.
per bbl.....	5	"	On Seed, Timothy.....	2	" "
On sales of Pork, Beef, Lard, Bacon,			On Seed, Flax.....	1½	" "
Tallow, Oils, Sugar, Molasses,			On Seed, Blue Grass.....	5	" "
Coffee and Cotton.....	2½	per cent.	On Seed, Herd Grass and Red Top.	5	" "
Purchasing of the same, cash in			On Seed, Hungarian and Millet...	2½	" "
hand.....	2½	" "	On Green Apples, per bbl.....	15	cents.
On sales of Hay, per ton.....	50	cents.	On Potatoes, per bbl.....	15	"
On sales of Domestic Liquors, of			On Potatoes, in bulk.....	5	per cent.
all kinds, excepting Whisky			On purchase of same, cash in hand.	2½	" "
and Highwines.....	5	per cent.	On sales of Butter and Cheese....	5	" "
On sales of Bourbon or Rye Whis-			On sales of Pig Iron or Blooms...	2½	" "
ky, in bond, per bbl*.....	50	cents.	On sales of Cooperage.....	5	" "
On sales of Bourbon or Rye Whis-			On sales of all other articles of		
ky, tax paid, per bbl*.....	\$1.00		Produce and Merchandise.....	5	" "
On sales of Highwines, on account			For guaranteeing Time Sales.....	2½	" "
of distillers, per bbl.....	25	cents.	For drawing and negotiating bills		
On sales of Live or Dressed Hogs.	2½	per cent.	with indorsement.....	2½	" "
On sales of Rye, Wheat and Corn,			For adjusting insurance on losses,		
per bushel.....	1	cent.	on amount received.....	2½	" "
On sales of Barley, per bushel....	2	cents.	For collecting moneys by legal		
On sales of Oats, per bushel.....	½	cent.	process.....	2½ to 5	" "
For use of sacks when furnished			For receiving and remitting money,		
by consignee, for each ten days			including purchase of exchange	¼	"

## CHARGES FOR CURING, PACKING, ETC., THE HOG PRODUCT.

PORK BUSINESS.			
Curing Meats in bulk (dry salt), per 1,000		Packing Bulk Meat in hogsheads, exclusive	
lbs.....	\$3 00	of salt and hogsheads, per hhd.....	35c
Packing Pork, per bbl.....	2 00	Packing Bacon in hogsheads, exclusive of	
Packing or trimming Pork or Beef in bar-		hogsheads, per hhd.....	35
rels, exclusive of barrels, salt and pickle,		Packing canvased Hams in tierces, exclusive	
per bbl.....	45	of tierces and paper, per tierce.....	30
Packing or trimming Pork or Beef in bar-		Packing Bacon in boxes, exclusive of boxes,	
rels, exclusive of barrels, salt and pickle,		per box.....	25
in ¼ bbls.....	35	Packing English Meats in boxes, exclusive	
		of boxes and salt, per box.....	50

\* Adopted May 7, 1896.

Packing Hams in slack barrels, exclusive of barrels, per bbl.....	\$0 20
Clearing Clear Rib Sides, per 1,000 lbs.....	50
Receiving and bulking Cured Meats, per 1,000 lbs.....	1 25
Overhauling and rebulking Cured Meats, per 1,000 lbs.....	1 00
Smoking Dry Salted Meats, per 1,000 lbs....	1 50
Smoking Sweet Pickled Meats, per 1,000 lbs.	2 50
Curing Meats in sweet pickle, per 100 lbs...	1 00
Canvassing Sugar Cured Meats, exclusive of materials, per piece.....	2½
Weighing Bulk Meats or Bacon, per 1,000 lbs.	12½
Nailing, boring, weighing and marking tierces of same, per tierce.....	5
Nailing, boring, weighing and marking of same, per bbl.....	4

## CHARGES FOR STORAGE OF THE HOG PRODUCT.

On Pork, where received, per bbl., first month, 8c.; each additional month, 5c.

On Lard, where received, per tierce, first month, 10c.; each additional month, 8c.

On Bulk Meats, where received, per 1,000 lbs., first month, 40c.; each additional month, 20c.

Storage to commence March 1st on all articles

made from hogs received and packed the regular way.

Where pieces are taken in to be cured, storage shall commence with the date of receipt of such pieces.

Bacon, per hogshead, 25c. per month.

Bacon, per ½ hogshead and box, 15c. per month.

Hams, canvased, each, 1c.

Insurance shall commence at the time the stuff is received, and rates charged shall be governed by the customary rules of insurance companies for short or long policies.

Commissions on sales, 2½ per cent.

## COLD STORAGE CHARGES.

Pickled Meats, in tierces, 85c. per tierce for first month, and 25c. per tierce, per month, thereafter.

Dry Salt Meats, receiving, bulking, and one month storage, \$2 50 per 1,000 lbs.; each additional month, \$1 00 per 1,000; rebulking, \$1 25 per 1,000 lbs.

NOTE.—All goods, wares, or merchandise, left or consigned for sale, with or to Commission Merchants, and upon which cash advances have been made, are liable to be sold at any time, should it be necessary, in order to protect the advances made.

## RATES OF CHARGES ON COTTON.

1st. The charge for insurance, drayage, labor and sampling, weighing, storage and commission on Cotton to be, in all, \$1 00 per bale, with additional charge for insurance of ¼ per cent. per month, and storage of 15c. per bale, after first month, for each additional month.

2d. Regular rates of insurance, in transit, established by Board of Underwriters, to be charged.

3d. Interest at the rate of 6 per cent. per annum shall be charged on all advances of every character.

NOTE.—All shipments are covered by open policies of insurance, unless owners instruct otherwise at or before shipment; and in all cases where advances have been made, or shipments drawn against, the property is covered to the amount of such advances or drafts, without reference to instructions.

## CHARGES FOR RECEIVING AND FORWARDING.

Whisky, Pork, Lard, Fish and Tallow, per bbl.	5c
Cotton, per bale.....	6
Flour, per bbl.....	3
Kegs of Lard and Butter, per keg.....	2
Hogsheads of Bacon and Tallow, per hhd...	10
Pork and Bacon, in bulk, per 1,000 lbs.....	10
Hats, Bonnets, Shoes and Feathers, per pkg.	5
Salt, per bbl.....	3
" per sack.....	2
Leaf Tobacco, per hhd. or box.....	20

Sugar, per hhd.....	15c
Molasses, per bbl.....	6
Beans, Dried Apples and Peaches, per pkg..	5
Pig Iron, per ton.....	20
All other articles of Produce or Merchandise, per 100 lbs., including transfer....	10
For advancing charges and freight....	2 per cent.

NOTE.—All actual charges incurred, including drayage, insurance, cooerage or storage, are to be added to the above rates.

## TARES.

Sugar, in hogsheads.....	12 per cent.
Indigo, in ceroon.....	11 " "
Salt, per bbl. (280 lbs.).....	20 pounds.
" per bbl. (7 bush.).....	25 "

Cotton, Feathers, Salt in bags, and Spices.....	No tare.
All other articles in hogsheads, casks, tierces, barrels, kegs or boxes, not enumerated.....	Actual tare.

## WEIGHTS.

Standard weights, in the absence of contracts, of various commodities, adopted by the Board of Directors of the Cincinnati Chamber of Commerce and Merchants' Exchange, April 3, 1888:

	BUSHEL.		BUSHEL.
Apples, Dried.....	25 lbs.	Seed, Clover.....	60 lbs.
Barley.....	48 "	" Flax.....	56 "
Barley Malt, including weight of sacks.....	34 "	" Hemp, Imported.....	40 "
Beans.....	60 "	" Hemp, Domestic.....	44 "
Buckwheat.....	50 "	" Hungarian.....	48 "
Chestnuts, as to dryness.....	50@56 "	" Lawn Grass.....	16 "
Corn in ear, 70 lbs., until changed by		" Millet, Common.....	50 "
Board of Directors to.....	68 "	" Millet, German.....	50 "
Corn, Shelled.....	56 "	" Orchard Grass.....	14 "
Corn Meal.....	50 "	" Osage Orange.....	33 "
Hair, Plastering.....	8 "	" Sorghum.....	50 "
Hominy.....	60 "	" Red Top.....	14 "
Lime.....	70 "	" Timothy.....	45 "
Oats.....	32 "	" Turnip.....	50 "
Onions.....	56 "	" Rape.....	50 "
Onion Sets, Top.....	28 "	Wheat.....	60 "
" " Bottom, Struck Measure.....			TON.
Peas, Dried.....	60 "	Broom Corn.....	2,000 lbs.
Peanuts.....	22 "	Bran, Shipstuff and Middlings.....	2,000 "
Potatoes.....	60 "	Coal.....	2,000 "
" Sweet.....	50 "	Coke.....	2,000 "
Rye.....	58 "	Hemp.....	2,240 "
Salt.....	*50 "	Iron, Pig, chill mould.....	2,240 "
Seed, Blue Grass, Kentucky.....	14 "	" Pig, sand mould.....	2,268 "
" Blue Grass, English.....	24 "	" Pig, blooms.....	2,464 "
" Broom Corn.....	46 "	" Ore.....	2,240 "
" Castor Beans.....	46 "	" Scrap.....	2,000 "

\* This, as adopted on April 3, 1888, was 56 pounds, but was changed to 50 pounds April 17, 1888.

MEMBERS  
OF THE  
CINCINNATI CHAMBER OF COMMERCE  
AND  
MERCHANTS' EXCHANGE

MARCH 1, 1896.

# MEMBERS

## OF THE

### CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.

MARCH 1, 1896.

NOTE.—The first column indicates the number of the Certificate of Membership; where a blank exists therein, the membership has no certificate. Where an official title in italics is annexed to a name, in the column under the head of "Name," such title, with the title of the corporation following, may not express the present official relations of the member, inasmuch as this shows only the manner in which the name appears in the Certificate of Membership, which is not changed till transferred on the books of the Chamber of Commerce under the rules of the same, though the official relations of the member to the corporation may have previously changed or actually terminated.

NO.	NAME.	FIRM.	BUSINESS.	LOCATION.
3775	Abernathy, Charles B.	with J. Charles McCullough.	Bookkeeper	N. E. cor. Second and Walnut.
1868	Adam, Henry	C. B. Cook & Co.	Brewer	Camp Washington, City.
1859	Addams, William	Matthew Addy & Co.	Millers and Distillers	Cynthiana, Ky.
1171	Addy, Matthew	The Ahlers Co.	Pig Iron and Iron Ores	Carlisle Building.
3554	Ahlens, Charles H.	Hoffman & Ahlers	Manufacturers of Vinegar	Covington, Ky.
2777	Ahlens, George F.	C. Schmidt & Co.	Cincinnati Copper Works	435 E. Front st.
3342	Ahlens, John H.	Alps Coal Co.	Butchers Supplies	John and Livingston sts.
3320	Ailes, John W.	Second National Bank	Cashier	Pittsburgh, Pa.
2920	Albert, William	Chas. H. Albrecht & Co.	Carriage Goods	Ninth and Main sts.
3633	Albrecht, Charles H.	Alden & Faxon	Newspaper Advertising Agents	615 & 617 Main st.
2343	Alden, Frank H.	Cincinnati Syrup and Molasses Co.	Steamboat Clerk	28 & 30 E. Third st.
29	Alexander, James S.	Louisville & Nashville R. R.	President	Newport, Ky.
3825	Alexander, W. W.	Allen & Munson	Freight Agent	42 & 44 Main st.
2182	Allen, John H.	J. N. Harris & Co. (Limited)	Flour, Grain and Commission	Front and Butler sts.
3220	Allen, Thomas H. C.	The John H. Hibben Dry Goods Co.	Proprietary Medicines	17 Chamber of Commerce Bldg.
380	Allen, Thomas W.	American Type Founders Co.	Type Founders and Electrotypes	333 Sycamore st.
2841	Allison, Robert	The Alms & Doepke Co.	Dry Goods	412 & 414 Elm st.
3442	Alms, Frederick H.	The Alms & Doepke Co.	Dry Goods	7 Longworth st.
3281	Alma, William H.	G. P. Altenberg & Co.	Dry Goods	Main and Canal sts.
3973	Altenberg, George P.	Alter & Julian Co.	Note, Stock and Bond Brokers	Main and Canal sts.
2444	Alter, Frank	L. G. Anderson's Sons	Shoe Manufacturers	35 E. Third st.
110	Amann, Edmund	Investment Broker	Distiller	S. W. cor. Eighth and Main sts.
3343	Anderson, Charles M.	Excutor, Longworth Estate	Grain and Lumber	Nicholasville, Ky.
4056	Anderson, John M.	Secretary and Treasurer	Franklin, O.	Franklin, O.
423	Anderson, Larz			104 E. Third st.
3217	Anderson, Vachel W.	The American Cotton Oil Co.		600 E. Third st.



## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
2859	Bezell, Howard M.	Citizens National Bank	Assistant Cashier.	United Bank Building.
2086	Becker, George.	with R. Becker.	Live Stock Dealer.	South Omaha, Neb.
3950	Beekley, H. C.	H. C. Beekley & Co.	Fruit Commission.	216 W. Sixth st.
1425	Beggs, John.	Wabash Distillery Co.		Terre Haute, Ind.
2190	Beirens, Henry.		Carpenter and Builder.	10 & 12 Baker st.
1957	Bell, Charles Walter.	Cincinnati Tin and Japan Co.	Secretary and Treasurer.	S. E. cor. Sycamore and Canal.
3491	Bell, John.	Van Leunen & Co.	Grain and Hay.	Seven Mile, O.
194	*Bell, John E.		Manager.	430 & 432 E. Eighth st.
4135	Bell, T. L.	Wood Mower and Reaper Mfg. Co.	Manufacturers of Wire Goods.	29 E. Pearl st.
3946	Belmer, Albert G.	H. Belmer & Co.	Feed Store.	Sixth st. and Delhi pike.
3834	Bender, Andrew	with James Griffith & Sons.	Bookkeeper.	Hunt and Abigail sts.
3327	Beneker, Henry W.		Lumber.	65 & 66 Mitchell Building.
4010	*Beneking, H. T.	Bennett & Witte	Coal.	Hamilton, O.
3316	Bennett, W. A.	Traders Despatch	Agent.	S. W. cor. Fourth and Vine sts.
3870	Benningshofen, August	Nordmeyer & Berding	Flour, Grain and Mill Feed.	708 Washington st., Covington.
3704	Berding, Henry N.	Pieper & Berghegger	Commission, Produce	138 W. Court st.
3886	Berghegger, Herman H.	Dietz & Berk	Grain Dealers	Trenton, Butler Co., O.
1442	Berk, Frederick H.	with Strobridge Lithographing Co.	Solicitor.	735 Westminster ave.
3575	Bernard, Lewis G.	The E. Besuden Co.	Manufacturers of Chains.	108-118 W. Canal st.
3782	Bernstein, Samuel.	Goebel & Bettinger.	Attorneys at Law.	S. W. cor. Sixth and Carr sts.
4079	Besuden, Edwin.	Rheinstrom, Bettman, Johnson & Co.	Liquors.	Atlas Bank Building.
2839	Bettinger, Albert.	The Mound City Distillery Co.		Ninth and Sycamore sts.
3959	Bettman, Morris L.	South Covington & Cincinnati Street Ry.	Liquor Dealer.	St. Louis, Mo.
972	*Betts, Charles S., Agent.	Cin. New Orleans & Tex. Pacific Ry.	Vice-President and Gen'l Manager.	423 Vine st.
3236	Bevis, Alfred.	J. W. Biles & Co.	Assistant General Freight Agent.	Covington, Ky.
2720	Bigger, J. K. P.	W. C. Biles & Co.	Commission, Whisky.	213 & 215 Sycamore st.
1943	Bigsstaff, Samuel.	Banner Packing and Provision Co.	Commission, Whisky.	N. E. cor. Second and Main sts.
3171	Biles, George P.	The C. H. Bishop Flour Co.	Wines, Liquors and Cigars.	518 Vine st.
381	Biles, J. W.	Cincinnati Gas Light and Coke Co.	Pork Packers.	Bank and Patterson sts.
3365	Biles, William C.	Cincinnati Tin and Japan Co.	President.	3 Wiggins Block.
2191	Billigheimer, D. L.	Lysle Coal Co.	Purchasing Agent.	S. W. cor. Fourth and Plum sts.
4074	Billings, Oliver C.	Dawson Blackmore & Co.	Vice-President.	S. E. cor. Sycamore and Canal.
3192	*Birnbryer, August	with Dawson Blackmore & Co.	Feed Store.	1915 Vine st.
794	Bishop, Charles H.	F. J. Blain & Co.	Secretary.	8 Wood st., Pittsburgh, Pa.
2018	Bishop, Daniel L.		General Manager.	Front and Lawrence sts.
2049	Bishop, R. M., Jr.		Commission, Flour and Provisions.	46 & 48 Vine st.
3447	Bismeyer, Werner.		Commission, Flour and Provisions.	46 & 48 Vine st.
4065	Blackburn, David B.		Investment Securities.	United Bank Building.
3176	Blackmore, James A.			
309	Blackmore, Dawson			
3910	Blackmore, Dawson J.			
3976	Blain, Frank J.			



687	Blair, J. D.	Barley and Hops	Hamilton, O.
3131	Blair, J. Milton	President	Carew Building.
3506	Blair, John M.	Cashier	22 E. Third st.
3851	Blair, McLean	Merchandise Brokers	13 W. Second st.
2336	Blair, William W.	Merchandise Brokers	13 W. Second st.
4118	Blakemore, Louis H.	Stationers, etc.	143 E. Fourth st.
3134	Blase, Henry F.	Merchant Tailor	Covington, Ky.
3417	Blick, William	Agent	Foot of Race st.
630	Blinn, George A.	Clothiers	308 Vine st.
2092	Bloch, Abe	Publishers and Printers	242 Main st.
1976	Bloch, Edward	Bookkeeper	130-134 Sycamore st.
878	Bloch, Joseph E.	Wholesale Liquors	135 E. Third st.
3463	Block, Leon	Superintendent	130-134 Sycamore st.
2502	Block, Louis, Jr.	Wholesale Liquors	130-134 Sycamore st.
875	Block, Louis T.	Wholesale Liquors	130-134 Sycamore st.
876	Block, Samuel	Produce Commission	1010 Race st.
4008	Blome, Fred. H.	Live Stock Dealer	Eggleston Avenue Stock Yards.
3911	Blong, Thomas	Produce Commission	115 & 117 E. Front st.
2708	Bloom, Abraham	President	S. E. cor. Third and Walnut sts.
713	Bohrer, George H.	Architects	S. E. cor. Fifth and Walnut sts.
4113	Boll, John H.	President	21 E. Third st.
595	Bonsall, R. T.	Grain	Lafayette, Ind.
2630	Born, Samuel	Brewing	Sycamore and Abigail sts.
73	Boss, Christian, <i>President</i>	Brewing	Sycamore and Abigail sts.
74	Boss, C. W., <i>Secretary</i>	Life Insurance	305 W. Fourth st.
3945	Boswell, William	Attorney at Law	St. Paul Building.
3508	Bosworth, Charles A.	Business Manager	602 & 603 Neave Building.
4093	Bowen, Arthur P.	Treasury Department	512 Main st.
4110	Bower, B. F.	Coal and Grain	Washington, D. C.
782	Bowler, R. B.	Attorneys at Law	College Hill, O.
4052	Bowman, Harry K.	Tobacco	N. E. cor. Fourth and Walnut.
3428	Boyer, George W.	Real Estate	Levanna, O.
3452	Boyd, Charles W.	Chief Clerk	Richmond, Va.
3291	Boyd, James N.	General Manager	N. E. cor. Fourth and Walnut.
3429	Boyd, W. F.	Bookkeeper	131 E. Fourth st.
4029	Boyle, Stephen S.	Commission, Live Stock	Chamber of Commerce Bldg.
63	Bradbury, George S.	Whisky Commission	Second and Walnut sts.
3862	Bradford, Edward F.	Coal	Head of Main st.
3854	Bradford, H. P.	Flour and Lard	315 Vine st.
824	Bradley, E. A.		Camp Washington, City.
3585	Braemer, Theodore		Stockton, Butler Co., O.
1269	Bramble, A. L.		N. E. cor. Pearl and Main sts.
4045	Brandhorst, George D.		Mitchell Building.
3952	Brashears, John		848 W. Sixth st.
3487	Brauer, Frederick A.		

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME	FIRM	BUSINESS	LOCATION
3640	Brecourt, George S.	Louis, New Albany & Chicago Ry.	Commercial Agent.	S. W. cor. Fourth and Vine sts.
3610	Breed, William J.	The Crane & Breed Mfg. Co.	President.	1213-1259 W. Eighth st.
980	Breneman, Charles W.	Chas. W. Breneman & Co.	Manufacturers of Window Shades.	1013 Walnut st.
728	Breneman, H. L.	Thoms & Breneman	Fork Packers.	9-15 E. Third st.
94	Breuer, C. C.		Proprietary Medicines.	Ludlow ave., Clifton, City.
2511	Brewster, Joseph W.			519 Main st.
1072	Brill, Jacob	Union Distilling Co.	Distillers.	Clifton, City.
3985	Brinkman, Edward H.		Feed Store.	1008-1010 Richmond st.
3370	Broermann, Christian			Oakley, O.
3342	*Brookfield, E. V., <i>President</i> .			
3692	Brooks, Charles G.	Smith, Kasson & Co.	Boots and Shoes.	40 & 42 W. Fifth st.
2058	Brooks, Levi H.	Cin'ti Leaf Tobacco Warehouse Co.	Leaf Tobacco.	7-19 W. Front st.
3229	Brooks, Reuben B.			569 McMillan st.
3837	Brossenne, William G.			1320 Madison av., Covington, Ky.
4057	Brower, Charles M.			15 Wiggins Block.
337	Brown, Charles A.	J. R. Brown & Co.	Flour and Feed.	41 Walnut st.
1771	Brown, Charles E.		Flour and Grain Commission.	Post-office Building.
2095	Brown, Daniel W.		Postmaster.	City Hall.
1695	Brown, Frank A.		City Auditor.	Front and Broadway.
3339	Brown, Henry W.		Coal and Coke.	842 W. Sixth st.
1448	Brown, H. Wilson, <i>Agent</i> .	Star Union Line.	Flour and Feed.	4 E. Fourth st.
336	Brown, Joseph R.	J. R. Brown & Co.	Transportation.	41 Walnut st.
2194	Brown, L. F.	L. F. Brown & Co.	Flour and Grain Commission.	222 & 224 Public Landing.
837	Brown, Paris C.	Consolidated Boat Store Co.	Live Stock.	948 Richmond st.
2676	Brown, Samuel S.	W. H. Brown Sons.	Manager.	Pittsburgh, Pa.
245	Brown, Thomas F.	Mellen, Brown & Co.	Coal and Coke.	11 W. Second st.
3784	Brown, W. W.	Merchants National Bank.	Cotton Factors and Commission.	S. W. cor. Third and Vine sts.
2805	Browne, Joseph G.	The Foss-Schneider Brewing Co.	Cashier.	
4139	Broxterman, John G.	John C. Bruckmann Brewing Co.	Receiver.	948-951 Freeman ave.
2515	Bruckmann, Henry A.	John C. Bruckmann Brewing Co.	Brewers.	Cummins ville, City.
1926	Bruckmann, William M.	John C. Bruckmann Brewing Co.	Brewers.	Cummins ville, City.
2675	Bruehl, W. A. R.	W. A. R. Bruehl & Co.	General Insurance Agents.	222 W. Fourth st.
2398	Brugemann, August.	with Washington Insurance Co.	Agent.	18 E. Third st.
4034	Bruns, Joseph	with Nelson Morris & Co.	Agent.	S. W. cor. Front and Walnut sts.
3837	Brunswick, B. H.	The Brunswick-Balke-Collender Co.	Manufacturers of Billiard Tables.	130 & 132 E. Sixth st.
3653	Bryan, James W.		Attorney at Law.	Fourth and Scott sts., Cov., Ky.
2698	Buchanan, F. A.		Insurance.	Newport, Ky.
931	Buchanan, H.	F. A. Buchanan & Co.	Insurance.	Newport, Ky.
2767	Buckner, W. T.	Buckner & Evans.	Real Estate.	211 E. Fourth st.
4100	Budd, Clifford M.	Steamer "Alice Barr"	Harbor Towing.	S. E. cor. Front and Harriet sts.
979	Budd, Peter R.	Collier-Budd Coal Co.	Coal Dealers.	328 W. Fourth st.
731	Buhrman, Louis H.	Cincinnati Coopers Co.		Cincinnati, O.
3541	Bullock, George.	Card Electric Motor and Dynamo Co.	Treasurer and General Manager.	1082 Broadway.

2639	Bunke, Barney.....	Joseph Walton & Co.....	Feed Store.....	Fairmount, City.
1704	Bunton, Isaac N.....	Burckhardt & Co.....	Miner and Shipper of Coal.....	Pittsburgh, Pa.
1632	Burckhardt, Frederick.....	Burckhardt & Co.....	Lard Oil and Stearine.....	323 Sycamore st.
1633	Burckhardt, Rufus.....	Burger Brothers.....	Cashier.....	323 Sycamore st.
2717	Burdick, C. H.....	Burger Brothers.....	Restaurant.....	9 & 11 W. Fifth st.
3116	Burger, Charles.....	Covington Coal Co.....	Hops, Malt and Brewers' Supplies.....	908 Walnut st.
1351	Burger, Louis.....	The A. E. Burckhardt Co.....	Hops, Malt and Brewers' Supplies.....	908 Walnut st.
4092	Burke, Andrew.....	with Franklin Bank.....	Manager.....	Fifth and Madison sta. Cov'gton.
3161	Burkam, C. B.....	Burrows, G. H.....	Grain Commission.....	23 Nassau st.
1512	Burkhardt, A. E.....	Burton, Gideon.....	Furriers and Hatters.....	624-628 Race st.
2427	Burkhold, Henry.....	Buse, Henry.....	Bookkeeper.....	122 & 124 E. Third st.
3284	Burnside, E. A.....	Buten, Anton.....	Coal Gauger.....	Foot of Baymiller st.
1698	Burrows, G. H.....	Byrne, John.....	Fire Insurance.....	30 E. Third st.
921	Burton, Gideon.....	Byrne, Michael.....	Feed, Hay, etc.....	National Lafayette Bank.
2631	Burton, Stephen R.....		Railroad.....	339 Sidney ave., Camp Wash.
4033	Buse, Henry.....			909 W. Eighth st.
1462	Buten, Anton.....			45 Wall st., New York.
1428	Byrne, John.....			
1437	Byrne, Michael.....			
4137	Caldwell, Richard F.....	{ Covington Fruit House and Cold } Storage Co.....		Covington, Ky.
569	Calvert, William H.....	Merchants & Manufacturers Ins. Co.....	President.....	131 E. Third st.
3679	Campbell, B. W.....	Perkins, Campbell & Co.....	Harness and Saddlery.....	622-626 Broadway.
3293	Campbell, George H., Agent.....	C. C. C. & St. L. Ry. Co.....	Local Freight Agent.....	Central ave. and Pearl st.
717	Campbell, Hugh.....	Well, Cannon & Co.....	Contractor.....	Harrison, O.
2373	Cannon, I. James.....	Postal Telegraph Cable Co.....	Produce Commission.....	106 E. Front st.
2978	Capen, W. I.....	Mabley & Carew Co.....	Manager.....	435 Vine st.
3163	Carew, J. T.....	The Jung Brewing Co.....	Clothing, Gents' Furnishing, etc.....	N. E. cor. Fifth and Vine sta.
3470	Carl, Alvin.....	W. B. Carpenter & Co.....	Vice-President and Gen'l Manager.....	2011 Freeman ave.
1810	Carpenter, William B.....	The Carr & Brown Co.....	Blank Books and Stationery.....	310-314 Walnut st.
707	*Carr, J. W.....	Central Press Brick Co.....	Millers.....	Hamilton, O.
781	Carr, W. B.....	Cincinnati Barbed Wire Fence Co.....	Coal Gauger.....	Front and Broadway.
3759	Carr, Winfield S.....	Cleveland, Akron & Columbus Ry.....	Manager.....	Neave Building.
2820	Carter, Walter T.....	with Minor & Dixon.....	Barbed Wire and Wire Nails.....	Fairmount, City.
3947	Carver, Robert D.....	Chatfield & Woods Co.....	General Agent.....	41 E. Fourth st.
3957	Chambers, Charles A.....	Standard Electrical Works.....	Bookkeeper.....	212 & 214 Vine st.
2822	*Champion, Aaron B.....	Cin. New Orleans & Tex. Pacific Ry.....	Coal and Sewer Pipe.....	Harrison ave. & B. & O. S. W. R. R.
1694	Champlin, John M.....		Paper Dealers.....	347-351 W. Fourth st.
3617	Charles, John W.....		President.....	S. W. cor. Elm and Pearl sta.
3341	Chatfield, A. H.....		Grain Inspector.....	Chamber of Commerce.
3148	Cherry, E. V.....		Grain Commission.....	Mitchell Building.
1683	Chisman, Homer.....		Contracting Agent.....	N. W. cor. Fourth and Race sta.
427	Christy, H. N.....			
3153	Clancey, J. B.....			

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
4109	Clark, Charles C.	C. C. C. & St. L. Ry. Co.	City Passenger Agent.	N. W. cor. Fourth and Vine sts.
3810	Clark, George M.	Mitchell, Tranter & Co.	Iron Manufacturers.	N. W. cor. Second and Elm sts.
3842	Clark, Samuel H.		Whisky	
3719	Clarkson, Austin E.	Louisville & Nashville R. R. Co.	Contracting Freight Agent.	S. E. cor. Fifth and Vine sts.
1007	Clary, R. E. Lee.	Cincinnati Insurance Co.	Fire and Marine Insurance	21 E. Third st.
4051	Clement, T. B., <i>Surveyor</i> .			Allen Building.
364	Clinton, Charles.		Grain Commission.	1530 Waverly ave. Fairm't, City.
42	Cochran, John A.	Ohio Southern R. R.	General Agent—Springfield, O.	1 Essex Place, City.
1090	Coffin, Charles W.	Cincinnati Marine Railway Co.	Dry Dock (Superintendent).	Eastern ave. and Waldon st.
730	Coffin, Samuel W.			
1315	Cohn, Abe.	Norton Iron Works, Ashland, Ky.	Iron and Nails.	200 Johnston Building.
978	Colburn, Charles L., <i>Gen'l Agent</i> .	Collier-Budd Coal Co.	Coal Dealers.	328 W. Fourth st.
1757	Collins, Thomas B.	Collins & Co.	Hay and Grain.	Hammond Building.
4116	Collins, F. F.	with Cole & Collins Towboat Co.	Bookkeeper	Foot of Race st.
3410	Collins, Harry P.	The Cincinnati Street Railway Co.	Secretary	N. W. cor. Fifth and Walnut sts.
3351	Collins, James A.	Collins & Co.	Hay and Grain.	Hammond Building.
59	Collins, John E.	Cole & Collins Towboat Co.	Secretary and Treasurer	Foot of Race st.
2832	Collins, Val. P.	{ Harmon, Colston, Goldsmith & } Hoadly.	Attorneys at Law	St. Paul Building.
120	Colston, Edward		Groceries, Feed and Lime	1434-1438 Main st.
1432	Coney, M. R.		Attorney at Law	508 Johnston Building.
2959	Conklin, A. C.		Superintendent.	Louisville, Ky.
2101	Conner, John S.	Ewald Iron Works		
2102	*Cook, A. J.		Freight Agent.	Third and Walnut sts.
1145	*Cook, John W.	Fourth National Bank	Manager.	Central Union Station.
1053	*Cook, Theodore.	B. & O. Southwestern R. R.	Whiskies	114 & 116 W. Second st.
610	Cooke, H. P., <i>Cashier</i> .	U. S. Baking Co. (Foerster Branch)	Life Insurance.	106 W. Second st.
3815	Copland, Alexander W.	H. F. Corbin & Co.	Proprietors Grand Hotel.	S. W. cor. Fourth & Central ave.
3107	Corbin, H. F.	The A. G. Corne Hotel Co.	Building Contractors.	Chamber of Commerce Bldg.
261	Corre, A. G.		Building Contractors.	Blymyer Building.
2980	Cost, Richard H.	J. W. Cottrell & Co.	Gas Engineer.	Blymyer Building.
1102	Cottrell, J. W.	J. W. Cottrell & Co.	Boot and Shoe Maker.	Cor. McMillan and May sts.
1819	Coverdale, R. T.		Manufacturers of Candles	434 Vine st.
809	Cowie, Charles S.	Harkness, Cowing & Co.	Attorney at Law	513-519 Eggleston ave.
3127	Cowing, Rufus A.		Coal and Coke.	32 E. Fourth st.
2612	Cox, Benjamin H.		Wholesale Lumber	22 Chamber of Commerce Bldg.
3280	Cox, Joseph, Jr.		Pianos	
210	*Crail, Ervin.	Crail & Bunton.		
212	Crail, Walter B.	C. Crane & Co.		
3675	Crane, Clinton.	Crawford, Ebersole & Smith.		
3702	Crawford, Henry W.			

4108	Crawford, Hugh W.	C. B. & Q. R. R.	Agent.	Foedick Building.
1563	Crawford, William R.	W. R. Crawford & Co.	Live Stock Commission	Cincinnati Union Stock Yards.
158	Cresap, R. J.		Real Estate Broker	106 E. Fourth st.
1198	Crigler, L. N.	Mullins & Crigler	Distillers and Liquor Dealers	7 Pike st., Covington, Ky.
3097	Critchell, B. P.	B. P. Critchell & Co.	Florists	S. W. cor. Fourth and Elm sts.
3703	Crowthers, R. C.		Coal	D. Chamberce of Commerce.
2544	Cullen, James, <i>President</i> .	Cincinnati Ice Co.		Twelfth and Plum sts.
147	Cunningham, Briggs S.	Citizens National Bank	President.	United Bank Building.
143	Cunningham, E. W.			9-15 E. Third st.
1556	Curley, Edgar			119 E. Second st.
1717	Curley, E. J.	E. J. Curley & Co.	Merchandise Broker	Lexington, Ky.
3745	Curren, John	John Curren & Co.	Commission	29 Walnut st.
1890	Currie, George E.	George E. Currie & Co.	Fertilizers	409 E. Front st.
991	Curtis, Nicholas	Anderson-Harris Carriage Co.		Elmwood Place, O.
930	Curtner, Henry			132 E. Fifth st., Newport, Ky.
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131	Dair, Charles E.	Dair Bros.	Millers	Harrison, O.
130	Dair, William	Dair Bros.	Millers	Harrison, O.
1490	*Dalton, Milton A., <i>Gen'l Manager</i> .			
52	Dana, S. F.	Campbell's Creek Coal Co.	Miners and Shippers of Coal	Foot of Baymiller st.
3381	Daniel, L. B.	Early & Daniel	Hay and Grain	N. W. cor. Sixth and Harriet sts.
2917	Darusmont, Alexis	Banner Brewing Co.		Canal and Walnut sts.
1706	Dater, Charles H.	C. H. Dater & Co.	Live Stock Commission	Cincinnati Union Stock Yards.
752	Dater, Gilbert			Westwood, O.
1890	Davidson, C. M.	Davidson & Co.	Commission	112 E. Front st.
1650	Davis, A. Judson		Bookkeeper	N. W. cor. Eighth and Sycamore.
383	Davis, Arthur W.		Real Estate	415 Johnston Building.
184	Davis, B. F.	Charles Davis & Co.	Pork Packers	N. W. cor. Eighth and Sycamore.
183	Davis, Charles	Charles Davis & Co.	Pork Packers	N. W. cor. Eighth and Sycamore.
3621	Davis, Charles	Davis-Egan Machine Tool Co.		Sixth st. and Eggleston ave.
510	Davis, Charles H.	Second National Bank		Ninth and Main sts.
185	Davis, Charles P.			N. W. cor. Eighth and Sycamore.
117	Davis, Holden	S. Davis, Jr., & Co.	Pork Packers	522 E. Fourth st.
2595	Davis, John C.		Tobacco and Cigars	412 Vine st.
505	*Davis, S. S.			
3449	Davis, Wallace M.	Cincinnati Railroad Omnibus Co.	Superintendent	520 Race st.
76	Davis, William H.	William H. Davis & Co.	Provisions	2000 Plum st.
3466	Davis, William Luther	Union Central Life Insurance Co.	Cashier	S. E. cor. Fourth & Central ave.
3111	*Dawes, S. C.			
4001	Day, Frank G.	Schmolsmire & Co.	Produce Commission	134 W. Court st.
434	Debar, Joseph	J. Debar & Co.	Wholesale Liquors	38 Vine st.
1669	DeCamp, J. M., <i>General Agent</i> .	Liverpool & London & Globe Ins. Co.		S. W. cor. Third and Main sts.
1714	Deckebach, George E.	The F. C. Deckebach Sons' Co.	Copper and Brass Works	123-129 W. Court st.
2967	Delsignore, Fedele	F. Delsignore & Co.	Foreign Fruits	114 & 116 E. Front st.
2586	Dernham, Max	M. Dernham & Son	Whisky Commission	243 Main st.

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
1914	Des Jardins, S. E.	Des Jardins & Hayward	Architects	Blymyer Building.
1777	Detmer, Henry	Detmer Woolen Co.		Chicago, Ill.
3728	*Deubel, George.	Canal Elevator and Warehouse Co.	Bookkeeper	Court and Broadway.
3701	Deuel, Wilbur S.	H. P. Deucher & Co.	Malsters	Hamilton, O.
1580	Deucher, H. P.	George W. McAlpin Co.	Dry Goods	13-17 W. Fourth st.
3821	Deutsch, Isaac S.			Neave Building.
98	Dexter, Julius	W. S. Dickinson & Co.	Wholesale Hats and Caps	S. W. cor. Vine and Pearl sts.
3808	Dickinson, William S.		Feed and Commission	3710 Spring Grove ave.
3012	Dickmeier, Henry, Sr.			Springdale, Colo.
1032	Dickson, John			420-428 Main st.
1932	Diem, Frederick J.	Diem & Wing Paper Co.	Paper Dealers	1006-1010 Richmond st.
1991	Dieterle, George F.	Union Distilling Co.	Secretary	Trenton, Butler Co., O.
1441	Dietz, Augustus	Dietz & Berk.	Grain Dealers	21 E. Third st.
1589	Dillaby, James		Insurance	212 & 214 Vine st.
780	Dixon, Henry	Minor & Dixon.	Wholesale Grocers	506 Neave Building.
2619	Doane, W. H.		Attorney at Law	Atlas Bank Building.
137	Dodds, Milo G.		Distillers	Carthage, O.
581	Dodsworth, Caleb	C. Dodsworth Distilling Co.		Carthage, O.
4021	Dodsworth, Thomas	C. Dodsworth Distilling Co.	Distillers	S. E. cor. Walnut and Thirteenth
3789	Dodt, Bernard Clement	Hackmann & Dodt	Undertakers, Transferring, Draysage.	Main and Canal sts.
3285	Doepke, William F.	The Alms & Doepke Co.	Dry Goods	Mitchell Building.
865	Duggett, M. W., Agent	Consolidated Coal and Mining Co.	Coal and Coke	
1118	Doll, Charles			
2541	Dolph, A. M.	American Laundry Machinery Co.	Laundry Machinery and Supplies	206-214 W. Pearl st.
2006	Domhoff, Charles H.	Domhoff & Joyce Co.	Pig Iron	Rawson Building.
1747	Dorman, John C.	Memphis & Cincinnati Packet Co.	Transportation	222 & 224 Public Landing.
894	Dorsel, John	Dorsel Tobacco Co.	Manufacturers of Tobacco	Covington, Ky.
4070	Douds, Ellery H.	Douds & Miller	Coal Shippers	Pittsburgh, Pa.
2592	Douglass, Howard		Attorney at Law	S. W. cor. Fourth and Main sts.
1803	Dows, David, Jr.	David Dows & Co.	Grain, etc.	Produce Exchange, N. Y.
1872	Drake, Marshall T.	with J. M. McCullough's Sons	Bookkeeper	316 & 318 Walnut st.
3987	Dreifus, David S.	Blome & Dreifus.	Produce Commission	1010 Race st.
67	Droste, Charles F.		Attorney at Law	Lincoln Inn Court.
4141	Drucker, Frederick	N. Drucker & Co.	General Contractor and Coal Dealer	Home City, O.
2205	Drucker, Nathan	Drucker, Nathan	Trunks and Bags	N. W. cor. Ninth and Broadway.
3306	Dugan, R. W.	Champion Ice Co.		Covington, Ky.
3200	Duhme, Charles H.	Duhme & Co.	Jewelers and Silversmiths	Fourth and Walnut sts.
3237	Dunbar, Horace B.	The Gibson House Co.	Proprietor	Gibson House.
1293	Dunholter, John	Stewart, Dunholter & Co.	Provisions, Flour and Grain	51 Walnut st.
4125	Dunklee, John W.	Burnet House Hotel Co.		N. W. cor. Third and Vine sts.
329	Dunlap, R. E.		Stock, Bond and Note Broker	119 E. Third st.
1552	Dunlap, William J.		Stock, Bond and Note Broker	115 E. Third st.
3307	Dunn, J. W.	The Laidlaw-Dunn-Gordon Co.	Pumps, Machinery, etc.	Pearl and Plum sts.

390	Durner, M. ....	M. Durner & Co .....	Commission, Whisky.....	219 E. Third st.
2850	Durrett, M. M. ....	Robert A. Dykins & Co .....	Coal.....	49 Mitchell Building.
41	Dykins, Robert A. ....	Wm. Glenn & Sons. ....	Barley, Malt and Oats .....	919 & 921 W. Fifth st.
18	Dymond, Richard.....			N. W. cor. Fourth and Sycamore.
2527	Early, H. Lee .....	Early & Daniel.....	Hay and Grain.....	N. W. cor. Sixth and Harriet sts.
3637	Eaton, George F. ....	Ford, Eaton & Co. ....	Wholesale Grocers.....	12 & 14 W. Second st.
3342	Eberhardt, John A. ....	Southern Granite Co. ....	Secretary, Treasurer and Gen. Mgr.	19 Wiggins Block.
3237	Ebersole, George R. ....	Standard Oil Co. ....	Manager.....	105-109 E. Pearl st.
3754	Ebersole, Joseph G. ....	Crawford, Ebersole & Smith.	Plans.....	10 & 12 E. Fourth st.
77	Ebersole, William V. ....	W. V. Ebersole & Co. ....	Real Estate.....	N. W. cor. Fourth and Sycamore.
2036	Echert, Peter.....	The P. Echert Co. ....	Confectioners.....	25-31 W. Court st.
85	Eckert, Howard.....		Grain and Provisions.....	31 Chamber of Commerce Bldg.
4047	Edwards, David G. ....	C. H. & D. R. Co. ....	Passenger Agent.....	Carew Building.
2422	Eisenschmidt, Louis C .....		Jeweler.....	Newport, Ky.
1902	Eisfelder, H. A. ....	Elsas & Fritz .....	Hops, Malt and Brewers' Supplies..	214 & 216 E. Court st.
3027	Elberg, F. W. ....	Irwin, Ellis & Ballmann .....	Feed Store.....	Elmwood Place, O.
2625	Ellis, Frank.....	with Whitcomb & Root.....	Note, Stock and Bond Brokers.....	37 E. Third st.
2025	Ellis, James W. ....		Grain.....	23 Chamber of Commerce Bldg.
249	Ellison, J. D. ....	Pittsburgh & Cincinnati Packet Line.	Superintendent.....	Grand Hotel.
3887	Ellison, J. F. ....	Elsas & Fritz .....	Hops, Malt, and Brewers' Supplies..	206 Public Landing.
893	Elms, Lewis.....	Greene, Embry & Co. ....	Live Stock Commission.....	214 & 216 E. Court st.
3283	Embry, Talton.....	Washington Insurance Co .....	President.....	Cincinnati Union Stock Yards.
3324	Emerson, H. D. ....	The Emerson & Fisher Co .....	Carriage Builders .....	College Hill, O.
2379	Emerson, Henry.....	Thomas Emery's Sons .....	Real Estate & Investment Securities.	18 E. Third st.
1178	Emery, Joseph J. ....	Thomas Emery's Sons .....	Real Estate & Investment Securities.	John and Findlay sts.
.....	Emery, Thomas J. ....	The National Starch Mfg. Co. ....	Undertaker.....	St. Paul Building.
3015	Eply, John P. ....			St. Paul Building.
1977	Erkenbrecher, A. G. ....			N. W. cor. Ninth and Plum sts.
1222	*Erkenbrecher, Andrew .....			118 & 120 E. Second st.
3435	Ernst, John P. ....			Covington, Ky.
2918	Eschmeyer, Henry.....	The E. O. Eschelby Tobacco Co....	Commission.....	244 W. Sixth st.
363	Eschelby, Edwin O. ....	Ohio Valley National Bank .....	President.....	409 Plum st.
645	Espy, James.....	George Eustis & Co. ....	Brokers.....	17 E. Third st.
3722	Eustis, George D. ....	Paterson & Evans.....	General Commission .....	116 E. Third st.
1857	Evans, Arthur O. ....	Banner Packing and Provision Co..	Secretary.....	52 Vine st.
46	Evans, Benjamin.....	The Ezekiel & Bernheim Co. ....	Pork Packers.....	Bank and Patterson sts.
4045	Evans, Jason.....		Stock Reporter.....	Bank and Patterson sts.
3089	Eversman, J. F. ....	The Ezekiel & Bernheim Co. ....	Auctioneers and Commission.....	Cincinnati Union Stock Yards.
1658	Ezekiel, Henry C. ....			334 Main st.
4048	Ezekiel, Walter A. ....		Auctioneers and Commission.....	334 Main st.
838	Fagin, Theodore.....		Flour.....	Newport, Ky.

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
1538	Fairley, William	Board of Fire Trustees	Real Estate Broker	2 Oak st., Walnut Hills, City.
4087	Fallon, John F.	C. A. Farnham & Co.	Fire and Marine Insurance	21 Atlas Bank Building.
3737	Farnan, James J.	with The John C. Roth Packing Co.	Pork and Provisions	Sixth and Vine sts.
31	Farrally, O. B.	with Nelson Morris & Co.	Traveling Salesman	N. W. cor. Fourth and Vine sts.
4048	Fassett, Alfred D.	Marcus & L. S. Fechheimer	Wholesale Clothing	1010 Gest st.
635	Fechheimer, H. S.	Marcus & L. S. Fechheimer	Wholesale Clothing	S. W. cor. Front and Walnut sts.
634	Fechheimer, Leopold S.	Fechheimer Bros. & Co.	Manufacturers of Clothing	321 & 323 Race st.
1909	Fechheimer, May	H. & G. Feder	Flour, Feed and Grain	321 & 323 Race st.
2558	Fedders, John H.	Cincinnati Gas Light and Coke Co.	Dry Goods and Notions	18-26 W. Fifth st.
3537	Feder, Gustave	Cin. New Orleans & Tex. Pacific Ry.	Flour and Commission	Covington, Ky.
2483	Fels, Theobald	Early & Daniel	Flour and Commission	320 Race st.
832	Felt, Henry, <i>Inspector</i>	Francis & F. S. Ferry	President and Receiver	852 W. Sixth st.
4020	Felton, S. M.	C. C. C. & St. L. Ry. Co.	Hay and Grain	S. W. cor. Fourth and Plum sts.
3981	Ferger, August	Cincinnati Car Service Bureau	Insurance Agents	Odd Fellows Building.
496	Ferry, Francis	Christian Moerlein Brewing Co.	General Agent	N. W. cor. Sixth and Harriet sts.
3696	Ferris, Frank	The American Cotton Oil Co.	Superintendent	Masonic Temple.
3867	Fetter, O. G.	John Brenner Brewing Co.	Flour	N. W. cor. Fourth and Vine sts.
4049	Ficke, George A.	Finke & Schwier	New England Bakery	85 Carew Building.
3645	Ficker, Ben	Finke & Schwier	Treasurer	2019-2021 Elm st.
71	Field, R. B.	Finke & Schwier	President	Gest and Baymiller sts.
83	Field, Walter H.	Finke & Schwier	Produce Commission	36 W. Fifth st.
985	Fierlein, E. J.	Finke & Schwier	Produce Commission	441-465 E. Sixth st.
3710	Fink, Charles	Finke & Schwier	Produce Commission	Covington, Ky.
3988	Finke, H. J.	Finke & Schwier	Produce Commission	1008 Race st.
554	First, Samuel, <i>Sec'y and Treas.</i>	Finke & Schwier	Produce Commission	Covington, Ky.
4005	Fischer, L. C.	Cincinnati Volksblatt	Solicitor	637 Vine st.
3972	Fish, Charles E., Jr.	C. H. & D. R. R. Co.	Local Freight Agent	Sixth and Baymiller sts.
593	Fisher, Albert D.	J. W. Fisher & Co.	Grain and Hay Commission	116 & 118 E. Water st.
1310	Fisher, Charles S.	J. W. Fisher & Co.	Grain and Hay Commission	116 & 118 E. Water st.
2902	Fisher, George	George Fisher & Sons	Merchant Tailors	623 Walnut st.
4124	Fisher, John	Shollenbarger & Fisher	Grain	Collinsville, O.
592	Fisher, John W.	J. W. Fisher & Co.	Grain and Hay Commission	116 & 118 E. Water st.
1173	Fisher, J. W. S., <i>Vice-President</i>	The Emerson & Fisher Co.	Carriage Builders	John and Findlay sts.
3385	Fithian, H. Clifford	C. C. C. & St. L. Ry. Co.	Contracting Agent	N. W. cor. Fourth and Vine sts.
3980	Fitzgerald, John S.	Flach Brothers Grocery Co.	Wholesale Grocers	N. E. cor. Second and Vine sts.
787	Flach, Edward P.	Flach Brothers Grocery Co.	Wholesale Grocers	N. E. cor. Second and Vine sts.
785	Flach, Jacob C.	Flach Brothers Grocery Co.	Wholesale Grocers	N. E. cor. Second and Vine sts.
798	Flach, John W.	Flach Brothers Grocery Co.	Wholesale Grocers	N. E. cor. Second and Vine sts.
4013	Flaherty, Dennis	Dennis Flaherty & Bro.	Contractors	Builders' Exchange.
91	Fleischmann, Charles	Fleischmann & Co.	Distillers	N. W. cor. Plum and Perry sts.
3969	Fleischmann, Julius	Fleischmann & Co.	Distillers	N. W. cor. Plum and Perry sts.
1190	Fleming, F. E.	Fleischmann & Co.	Grain and Hay	Commercial-Gazette Building.



315	Flemming, R. H.	.....	Wholesale Coal Dealer.	.....	Ludlow, Ky.
318	Fletcher, Victor.	.....	Wines and Liquors.	.....	514-518 E. Pearl st.
3883	Flint, William H.	.....	Coal.	.....	Pittsburgh, Pa.
976	Fogg, Arthur L., Agent.	.....	.....	.....	27 E. Fourth st.
666	Folsom, Richard.	.....	Vice-President.	.....	Mitchell Building.
3709	Forbes, Dennis J.	.....	Real Estate Agents.	.....	202 E. Fourth st.
3486	Forbes, J. A.	.....	Grain and Provision Brokers	.....	B & C, Chamber of Commerce.
142	Forbus, M. S.	.....	Manager.	.....	413 Vine st.
1989	Ford, Collin.	.....	Assistant Manager.	.....	413 Vine st.
3888	Ford, William.	.....	Coal.	.....	Pittsburgh, Pa.
3896	Forsyth, P. J.	.....	Salesman.	.....	52 Vine st.
2857	Fortney, F. R.	.....	President.	.....	115-119 W. Pearl st.
3170	Forwood, W. H.	.....	President.	.....	943-951 Freeman ave.
1789	Foss, John H.	.....	Mrs. of Wadding and Batting	.....	114-120 E. Canal st.
348	Foster, Seth C.	.....	Groceries and Produce	.....	228 Broadway.
658	Foster, Thomas.	.....	.....	.....	1225-1235 Budd st.
2517	Foulds, Frank W.	.....	Commission and Sale Stables.	.....	1225-1235 Budd st.
3623	Foulds, Harry G.	.....	Freight Claim Agent.	.....	215 & 217 E. Fifth st.
3300	Fox, Frank.	.....	Miller and Grain Dealer.	.....	Central Union Station.
1075	*Fox, George.	.....	Wholesale Liquors.	.....	Harrison, O.
1217	Fraser, R. M.	.....	Wholesale Liquors.	.....	58 Main st.
4044	Frederick, Robert G.	.....	Wholesale Liquors.	.....	224 E. Second st.
2342	Freiberg, Abraham.	.....	Distillers.	.....	58 Main st.
3604	Freiberg, Isaac.	.....	Distillers.	.....	216-220 Public Landing.
2393	Freiberg, Joseph.	.....	Distillers.	.....	216-220 Public Landing.
852	Freiberg, Julius.	.....	President.	.....	316 & 318 W. Seventh st.
2179	Freiberg, J. Walter.	.....	Secretary.	.....	Fifth and Main sts.
2466	Freiberg, Maurice J.	.....	Wholesale Clothing.	.....	Fifth st. and Eggleston ave.
4127	French, Tilden R.	.....	Wholesale Clothing.	.....	19 & 21 W. Third st.
3776	Frey, John.	.....	Chemical Works.	.....	S. E. cor. Third and Vine sts.
3064	Frey, John H.	.....	Secretary and Treasurer.	.....	312-316 E. Second st.
2211	Friedlander, A. J.	.....	President.	.....	108-122 Coleman st.
2213	Friedlander, I. J.	.....	Real Estate.	.....	108-122 Coleman st.
3158	Fries, Gustave R.	.....	Live Stock Dealer.	.....	S. W. cor. Fourth and Main sts.
2387	Frietsch, Frank.	.....	Lumber.	.....	Bridgetown, O.
957	Frietsch, Sigmund.	.....	Public Weigher.	.....	10 Pike Building.
2214	Fritsch, Joseph W.	.....	Live Stock Dealer.	.....	4 E. Fourth st.
2022	Frondorf, George.	.....	Distillers.	.....	Brighton Station.
3573	Fuhrmann, A. V.	.....	.....	.....	22 E. Eighth st.
1308	Fuller, E. F., Dr. Freight Agent.	.....	.....	.....	514-518 E. Pearl st.
3964	Furlong, John S.	.....	.....	.....	514-518 E. Pearl st.
729	Furst, Abe.	.....	.....	.....	
2415	Furst, Joseph C.	.....	.....	.....	
3797	Furst, Samuel.	.....	.....	.....	

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
3738	Gaddum, Adolph L.	The A. Sander Packing Co.	Pork and Beef Packers	1022 & 1024 Gest st.
4042	Gaff, Thomas T.	Duhme & Co.	Manager, Gaff Estate	United Bank Building.
1649	Galbreath, R. H.	with Gale Brothers	Jewelers and Silversmiths	S. W. cor. Fourth and Walnut.
3329	Gale, Albert C.	Gale Brothers.	Salesman	14 W. Front st.
557	Gale, B. W.	Gale Brothers.	Commission, Flour, etc.	14 W. Front st.
558	Gale, John P.	Gale Brothers.	Commission, Flour, etc.	14 W. Front st.
3991	Gale, P. M.	with Gale Brothers.	Clerk	14 W. Front st.
2324	Gamble, David B.	The Procter & Gamble Co.	Soap, Candles and Oils	United Bank Building.
529	Gamble, James N.	Gamble, James N.		74 Carew Building.
47	Gano, Gazzam			32 E. Third st.
1553	Gano, Howell	Howell Gano & Co.	Hardware, Cutlery and Guns	320 Walnut st.
1967	Gano, John A.	Economy Fuel and Steam Co.	President	130 E. Third st.
1554	Gano, J. W.	Howell Gano & Co.	Hardware, Cutlery and Guns	320 Walnut st.
1870	Gansel, Charles O.	C. O. Gansel & Son.	Fire Insurance	119 E. Third st.
4078	Gansel, Fred.	C. O. Gansel & Son.	Fire Insurance	119 E. Third st.
919	Garlick, Henry	H. Garlick & Co.	Naval Stores and Commission	126 W. Water st.
3646	Garnier, Charles L.	Moore & Garner	Flour, Grain and Mill Feed	15 Chamber of Commerce Bldg.
3857	Garrard, Jephtha		Attorney at Law	407 Johnston Building.
3820	Garrison, F. L.	Kanawha Coal and Coke Co.	Miners and Shippers of Coal	Foot of Mill st.
3179	Garlay, A.	C. H. & D. R. Co.	Contracting Agent	S. W. cor. Fourth and Vine sts.
680	Gebhart, Simon	The Simon Gebhart Sons' Flour Co.		Dayton, O.
3902	Gesler, Julius	Union Distilling Co.	Salesman	1006-1010 Richmond st.
2837	Gent, Joseph F.	The Cerealine Manufacturing Co.	Millers	Indianapolis, Ind.
647	Gerke, George	The Union Distilling Co.		1006-1010 Richmond st.
3876	Gerold, Al. H.	American Copper and Brass Works.	Coppersmiths	427 & 429 E. Front st.
3150	Gerst, William	William Gerst Brewing Co.	Insurance	Nashville, Tenn.
2974	Gibbs, Edwin C.	Geo. W. Neare & Co.		N. E. cor. Front and Main sts.
126	Gibson, David			Clifton, City.
3934	Gibel, Conrad	F. A. Hahn & Co.	Provisions	57 Walnut st.
2067	Gillham, Robert P.	Gillham & Dana	Coal	Foot of Baymiller st.
17	Glenn, James M.	The Cincinnati Tribune.	Newspaper	512 Main st.
2585	Goebel, Herman P.	Goebel & Bettinger	Attorneys at Law	Atlas Bank Building.
2563	Goemann, Henry L.	Henry L. Goemann & Co.	Grain	601 Rialto Bldg., Chicago, Ill.
242	Goepper, Charles W.	with Herman Goepfer & Co.	Malt, Hops and Brewers' Supplies	218-230 E. Canal st.
241	Goepper, Edward	Herman Goepfer & Co.	Malt, Hops and Brewers' Supplies	218-230 E. Canal st.
240	Goepper, Herman	Herman Goepfer & Co.	Malt, Hops and Brewers' Supplies	218-230 E. Canal st.
886	Goetz, John, Jr., Secretary	Christian Moerlein Brewing Co.	Vice-President	2019 & 2021 Elm st.
3397	Goling, Charles B.	Cincinnati Dedicating Co.		United Bank Building
2985	Gold, George J.	Joseph Good & Son	Grain Commission	S. E. cor. Fifth and Walnut sts.
3989	Good, Henry J.	The Bradstreet Co.	Superintendent	Sixth st. and C. H. & D. R. R.
3458	Goodale, Levi C.	with Putnam, Hooker & Co.	Bookkeeper	12 E. Third st.
2217	Goodin, S. Horace			16 & 18 E. Second st.
1051	Goodman, T. S., Secretary	Cin'ti Equitable Fire Insurance Co.		38 E. Third st.

1386	Goodman, W. A., <i>President</i> .....	National Lafayette Bank.....	Lumber.....	118 & 120 E. Third st.
2782	Goodman, William A., Jr.....	Goodman & Wright.....	.....	435 E. Court st.
3629	Gordon, Charles A.....	American Oak Leather Co.....	President.....	Kenner st. and Dalton ave.
1005	Gordon, W. J. M.....	The W. J. M. Gordon Chemical Co.	.....	1860-1970 Plum st.
208	Goshorn, A. T.....	National Lead Co.....	Manager.....	S. W. cor. Seventh and Freeman.
207	Goshorn, E. C.....	The Marnet Co.....	Secretary.....	S. W. cor. Seventh and Freeman.
3182	Gould, William H.....	The City & Suburban Telegraph Ass'n.	Commission.....	Central ave. and Water st.
1256	Gove, William H., <i>Solicitor</i> .....	Goyert & Vogel.....	.....	Telephone Building.
342	Goyert, J. H.....	Union Grain and Hay Co.....	Provisions.....	49 Walnut st.
3338	Granger, W. W.....	Cincinnati Provision Export Co.....	.....	N. W. cor. Race and Water sts.
1567	Grant, Edward S.....	Adam Gray & Co.....	Iron, Steel, Blacksmiths' Tools, etc..	46 Chamber of Commerce Bldg.
1375	Gray, Alonzo.....	Cin'ti. Portsmouth & Virginia R. R.	Fire Insurance.....	Covington, Ky.
1089	Gray, Adam.....	Cincinnati Life Association.....	Gen'l Freight and Passenger Agent..	32 E. Third st.
4062	Gray, Eugene F.....	Millcreek Distilling Co.....	Secretary.....	United Bank Building.
2755	Gray, John H.....	Greene, Embury & Co.....	Whisky.....	Hammond Building.
4054	*Green, Thomas.....	C. H. & D. R. Co.....	Live Stock Commission.....	Evans st. and C. H. & D. R. R.
35	Greene, Lewis H., <i>Treasurer</i> .....	The I. & E. Greenwald Co.....	General Manager.....	Cincinnati Union Stock Yards.
2216	Greene, Thomas M.....	The I. & E. Greenwald Co.....	Founders and Machinists.....	Carew Building.
4046	Greene, William M.....	The I. & E. Greenwald Co.....	Founders and Machinists.....	720 E. Pearl st.
3210	Greenwald, C. E.....	Citizens National Bank.....	Vice-President.....	720 E. Pearl st.
3211	Greenwald, T. L.....	The S. Obermayer Co.....	Foundry Supplies.....	United Bank Building.
191	Griffith, G. P.....	James Griffith & Sons.....	Contractors and Builders.....	641-647 Evans st.
4122	Griffith, Thomas L.....	S. T. Griffiths & Bro.....	Grocers.....	Hunt and Abigail sts.
1435	Griffith, William.....	.....	.....	N. W. cor. Sixth and Central ave.
3195	Griffiths, Samuel T.....	.....	.....	.....
3296	*Grossius, Henry J.....	Frank C. Grote & Bros.....	Drugs, Paints and Oils.....	34 Main st.
1465	Grote, Bernard.....	Grote, J. G. F., Jr.....	Mattresses and Bedding.....	522 Walnut st.
3499	Grote, Frank C.....	Grotlisch & Co.....	Flour and Feed.....	1289 W. Sixth st.
4071	Grote, J. G. F., Jr.....	Greenville Flour and Feed Co.....	Flour and Feed Mills.....	315-319 Hunt st.
2725	Grotthe, Gerhard.....	The Gerke Brewing Co.....	Secretary, Workhouse Trustees.....	Colerain ave., north of Bates.
844	Grotlisch, Henry.....	with The National Starch Mfg. Co.	Manager.....	Greenville, O.
826	Grubb, John.....	Charles & F. Guckenberger.....	Coal Gauger.....	Foot of Race st.
4015	Grubbs, Edgar A.....	Atlas National Bank.....	Secretary and Treasurer.....	Plum and Canal sts.
3083	Grubbs, Isaac W.....	National Lafayette Bank.....	Bookkeeper.....	25 & 27 W. Second st.
2309	Grueter, J. Herman.....	Cincinnati Volksfreund.....	Commission.....	Atlas Bank Building.
3774	Gruner, Hugo.....	Cin'ti. Lebanon & Northern Ry. Co.	President.....	Atlas Bank Building.
1174	Guckenberger, Charles.....	F. A. Hahn & Co.....	Vice-President.....	118 & 120 E. Third st.
3503	Guckenberger, Fred.....	.....	Publishers.....	S. W. cor. Longworth and Vine.
3360	Guckenberger, George.....	.....	Assistant Manager.....	Seventh st. and Freeman ave.
352	Guthrie, James V.....	.....	President.....	Court st. and Broadway.
			Commission, Produce.....	57 Walnut st.

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
2613	Hahn, Wilson.	Hahn & Archer	Wholesale Flour Dealers.	416 E. Pearl st.
3629	Haigh, Albert.	Haigh & Foreman	Coal.	Pittsburgh, Pa.
3145	Hale, Sam J., <i>President.</i>	Globe Insurance Co.		28 E. Third st.
2987	Haley, Joseph W.	J. W. Haley & Co.	Real Estate Brokers.	26 E. Third st.
3454	Hall, A. Acton.		Real Estate.	31 Pike Building.
3003	Hall, Charles O.	Herring-Hall-Marvin Co.	Manufacturers of Safes (Asst. Supt).	225 W. Pearl st.
767	Hall, Edward C.	Herring-Hall-Marvin Co.	Manufacturers of Safes (President).	225 W. Pearl st.
3846	Hall, Thomas J.		River Transportation.	Aberdeen, O.
3240	Hall, Walker P.		Investments.	44 E. Third st.
253	*Hall, William.	Roberts & Hall		
3223	Hall, William A.	The Cincinnati Coopersge Co.	Cashier.	Cincinnati, O.
1576	Hall, W. Harry.	Herring-Hall-Marvin Co.	Manufacturers of Safes (Treasurer).	225 W. Pearl st.
3667	Halm, George M.	North Bend Coal and Coke Co.	President.	North Bend, O.
3903	Hamann, Henry W.		Hay and Grain.	1212 Race st.
870	Hamilton, G. W., <i>Sec'y and Treas.</i>	Inland Oil Co.	Oils and Car Grease.	503 & 504 Johnston Building.
3914	Hammer, J. B.	J. B. Hammer & Co.	Produce Commission.	125 E. Front st.
2011	Hanke, A.	Hanke Bros.	Notions.	1128-1132 Main st.
3063	Hanks, Richard.	Richard Hanks & Co.	Wholesale Grocers.	29 Vine st.
3631	Harding, Edward C.	Harding & Swasey.	General Insurance Agents.	139 E. Third st.
2950	Harper, John W.	John W. Harper & Co.	Fire Insurance.	30 E. Third st.
2846	Harris, George W.	James Levy & Bro.	Distillers and Liquor Dealers.	137 Sycamore st.
3282	Harrison, Joseph T.		Attorney at Law.	Allen Building.
3530	Harrison, W. H.	W. H. Harrison & Co.	Coffee and Spices.	210 Walnut st.
3674	Hart, Edward.	E. Hart & Co.	Cloths and Woolens.	40 E. Fifth st.
827	Hart, James.			31 W. Lincoln ave.
2769	*Hart, Matthew.			
3598	*Hart, Royal C.			
3658	Harton, William H.	Harton & Eyer.	Real Estate and Insurance.	341 York st., Newport, Ky.
2989	Hartweg, Fred.	Huntington & St. Louis Towboat Co.	Superintendent.	Foot of Race st.
2783	Hartweg, Gottlieb.	Huntington & St. Louis Towboat Co.	Secretary.	Foot of Race st.
1680	Haskins, Robert.	R. Haskins & Co.	Provisions.	205 Walnut st.
3656	Hatfield, James.	Hatfield Coal Co.		634 Madison av., Covington, Ky.
1149	Hauck, John.	The John Hauck Brewing Co.	President.	Central ave. and Dayton st.
3004	Hauck, Louis J.	The John Hauck Brewing Co.	Vice-President.	Central ave. and Dayton st.
2288	Hauck, P. W. J.	The John Hauck Brewing Co.	Secretary and Treasurer.	Central ave. and Dayton st.
3402	Haughton, B. F.	Adveston Pipe and Steel Co.	Tubs and Coopersge.	United Bank Building.
2817	Hauser, Stephan, Jr.	The Hauser, Brenner & Fath Co	Manufacturers of Bags.	103-110 Division st.
2780	Havlin, John.	Mente & Co.		49 Vine st.
2122	Hayes, Timothy.	Consolidated Drialling Co.		1509 & 1511 W. Sixth st.
3994	Hays, W. F.	General Electric Co.		420 W. Fourth st.
695	Hazen, John F.	The Hazen Co.	Iron, Nails and Steel.	41 E. Fourth st.
533	Hearne, J. D., <i>President.</i>	Third National Bank.		23 & 25 E. Third st.
4090	Heath, Perry S.			N. E. cor. Fourth and Race sts.

1419	*Heckert, H. F.	James Heekin & Co.	Coffee and Spice Mills.	N. W. cor. Walnut and Water sts.
1828	Heekin, James.	G. Hehman & Son.	Flour, Feed and Commission.	131 & 133 E. Water st.
3018	Hehman, G., Jr.	Piqua Malt Co.	Secretary	317 Sycamore st.
762	Heid, John B.	Heid & Koss.	Flour	305 Vine st.
2486	Heidrich Charles.	Charles Heidrich & Co.	Produce Commission.	33 Walnut st.
2818	Heile, B.	B. Heile & Son.	Commission, Flour and Feed.	1910 & 1912 Elm st.
1784	Heile, Frank, Jr.	Henry Heile & Sons.	Hay and Grain	N. E. cor. Walnut and Water sts.
3110	Heile, George.	Henry Heile & Sons.	Feed Store.	647 Central ave.
1456	Heile, Henry.	Henry Heile & Sons.	Dealers in Hay and Grain.	N. E. cor. Walnut and Water sts.
2445	Heinsheimer, Edward L.	P. J. Goodhart & Co.	Bankers and Brokers.	42 E. Third st.
2123	Heinsheimer, J. A.	J. F. Heitmeyer & Sons.	Wholesale Grocers	Gilbert ave. and Beecher st.
2835	Heitmeyer, Charles W.	J. F. Heitmeyer & Sons.	Wholesale Grocers	50 Walnut st.
633	Heitmeyer, J. F.	Hemingray Glass Co.	Manufacturers of Glass.	50 Walnut st.
1207	Hemingray, Dan. C., <i>Manager.</i>	Henderson Lithographing Co.	Lithographers.	Covington, Ky.
1936	Henderson, W. D.	T. A. Widrig & Co.	Flour, Feed and Grain.	418-422 Sycamore sts.
1539	Hengelbrot, D.	First National Bank, Newport, Ky.	Bookkeeper	Newport, Ky.
2412	Hengelbrot, J. D.	A. J. Henkel & Bro.	Contractors.	621 Main st.
3387	Henkel, August J.	The J. H. Hernesch Co.	Public Weigher.	12 Walnut st.
1785	Hennekes, G. Henry.	German National Bank.	Commission, Hay and Grain.	N. W. cor. Walnut and Water sts.
1189	Hernes, J. H.	George Herzog & Co.	Cashier.	S. E. cor. Third and Walnut sts.
3917	Herzog, Edward.	Brush Electric Light Co.	Wholesale Liquors.	30 Main st.
237	Herzog, George.	with Joseph Heuermann.	Commission.	123 & 125 E. Water st.
3592	Hesser, Charles F.	Cincinnati Gas Light and Coke Co.	Vice-President.	S. W. cor. Fourth and Plum sts.
3721	Heuermann, Charles	Hill & Strong.	Feed and Grain.	211 W. Sixth st.
3674	Heuermann, Joseph.	Hill & Stricker.	Feed and Grain	211 W. Sixth st.
3599	Hewitt, Samuel L.	Union Hay and Grain Co.	Real Estate.	Kinney ave., Walnut Hills.
831	Hickenlooper, A., <i>President.</i>	with M. S. Forbus & Co.	Gas Manufacturers.	S. W. cor. Fourth and Plum sts.
1211	Hill, Alexander.	W. G. Hill & Co.	Lumber Dealers.	131 Hunt st.
2825	Hill, Alfred.	John D. Hinde & Co.	Attorneys at Law	United Bank Building.
1287	Hill, Edward C.	Fifth National Bank.	Maltster.	Prospect ave., Clifton, City.
4121	Hill, Harry H.	Hirsch Coal and Coke Co.	Manager	Race and Water sts.
1327	Hill, Samuel.	Hirsch, Loewenstein & Levi.	Wholesale Grocers	B & C, Chamber of Commerce.
437	Hill, William G.	Steamer "Tacoma"	Whisky Commission	45 Vine st.
4117	Hinde, John D.	Maddux, Hobart & Co.	Attorney at Law.	22 Fosdick Building.
2610	Hinkle, Thornton M.	Hoeftinghoff & Laue Foundry Co.	Cashier.	19 Commercial-Gazette Building
3322	Hinsch, C. A.			S. W. cor. Fourth and Vine sts.
4067	Hirsch, Chapman R.			Foot of Vine st.
1128	Hirsch, Simon.		Distillers and Redistillers.	529 & 531 Walnut st.
3965	Hissem, M. L.		Captain	Foot of Vine st.
2037	Hoban, Nicholas J.		Hoop-poles and Cooperage.	S. E. cor. Race and Water sts.
55	Hobart, William N.		Distillers and Redistillers.	417-425 E. Pearl st.
4123	Hobson, George.		Clerk of Hamilton County.	Court House.
2337	Hoeftinghoff, Charles.		Iron Founders.	508 E. Front st.
572	Hofer, Charles.		Wholesale Liquors.	903 Neave Building.

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
524	Hoffheimer, Abraham.	Hoffheimer Bros.	Redistillers and Whisky Dealers.	123 & 125 Sycamore st.
3493	Hoffheimer, Clarence A.	with Hoffheimer Bros.	Traveling Salesman.	123 & 125 Sycamore st.
525	Hoffheimer, Milton S.	with Hoffheimer Bros.	Cashier.	123 & 125 Sycamore st.
3787	Hoffheimer, Samuel A.	with Hoffheimer Bros.	Bookkeeper.	123 & 125 Sycamore st.
3717	Hoffheimer, Samuel S.	with Hoffheimer Bros.	Redistillers and Whisky Dealers.	123 & 125 Sycamore st.
2948	Hoffmann, John.	John Hoffmann's Sons.	Pork Packers.	Central ave. and Baymiller st.
3788	Hoffmann, John.	Hoffmann, Michael, Jr.	Pork Packers.	Harrison and McLean aves.
2546	Hoffmann, Michael, Jr.	Hoffmann, Michael, Jr.	Butcher.	217 W. Sixth st.
947	Holden, R. A.	R. A. Holden, Jr. & Co.	Dried Fruit, Beans, etc.	42 & 44 Main st.
299	Holden, R. A., Jr.	C. M. Holloway & Co.	Salt.	42 & 44 Main st.
195	Holloway, C. M.	C. M. Holloway & Co.	Salt.	53 Vine st.
4058	Holloway, G. C.	Grand Rapids & Indiana R. R. Co.	Contracting Agent.	56 Vine st.
2446	Holt, A. S. J.	Knaul & Holt.	Commission, Flour and Grain.	34 E. Fourth st.
3913	Holt, Emory Wilson.	W. C. Biles & Co.	Attorney at Law.	13 Chamber of Commerce Bldg.
3822	Holterhoff, Charles R.	Homan Silver Plate Co.	Commission, Whisky.	First National Bank Building.
962	Holterhoff, Godfrey.	Homan Silver Plate Co.	Manufacturers Silver-plated Ware.	N. E. cor. Second and Main sts.
3556	Homan, Joseph T.	Homan Silver Plate Co.	Manufacturers Silver-plated Ware.	214-222 E. Seventh st.
4014	Homan, Louis.	Joseph Honhorst & Co.	Sheet Iron Workers.	214-222 E. Seventh st.
3848	Honhorst, Henry E.	Putnam, Hooker & Co.	Dry Goods Commission.	469 & 471 E. Front st.
232	Honshell, Wash.	Bofinger & Hopkins.	Real Estate.	16 & 18 E. Second st.
260	Hooker, James J.	Consumers Ice and Refrigerating Co.		540 Main st.
2408	Hopkins, Lewis G.	Hosea & Co.	Dry Goods, Carpets, etc.	Spring Grove ave.
1282	Hoppe, Dominick.	The John Shillito Co.	Grocers and Commission.	Race, Seventh and George sts.
3673	Hopple, Casper V. T.	Hosea & Co.	Capitalist.	S. W. cor. Front and Main sts.
1083	Hopple, William A.	Eggleston Avenue Stock Yards.	Manager.	S. W. cor. Front and Main sts.
1164	Hosea, R. H.	The House & Palmer Co.	Millers.	Court st. and Gilbert ave.
2316	Hosea, Robert.	Houston, Stanwood & Gamble.	Engine Builders.	Lockland, O.
2884	Hoshal, M. T.	Aurora Distilling Co.	Coal, Flour and Feed.	Covington, Ky.
1835	House, George.	Aurora Distilling Co.	Wholesale Liquor Dealer.	3087 Colerain ave.
3340	Houston, Charles R.	J. W. Hoyt & Co.	Grain Commission.	Aurora, Ind.
3688	Howard, Stephen E.	Huddleston, Hubbard & Co.	Live Stock Commission.	135 Sycamore st.
2885	Howe, C. L., President.	Millcreek Distilling Co.	Wholesale Coal.	N. E. cor. Fourth and Walnut.
128	Howe, Robert.	Smyrl & Hughes.	Real Estate.	Cincinnati Union Stock Yards.
3139	Howe, Willard W.	Fritsch & Hugel.	Secretary.	Evans st. and C. H. & D. R. R.
1781	Hoyt, J. W.	Merchants & Manufacturers Ins. Co.	Executive, Estate of W. P. Hulbert.	Foot of Race st.
3663	Hubbard, Charles R.	W. S. Hume & Co.	Distillers.	41 E. Fourth st.
1921	Hubbell, George.			S. W. cor. Fourth and Main sts.
960	Hubbell, W. M., Jr.			131 E. Third st.
2787	Hughes, Harry W.			S. E. cor. Sixth and Vine sts.
1850	Hugle, William M.			Silver Creek, Ky.
3618	Hukill, Winfield S., Jr.			
141	Hulbert, C. Harry.			
2831	Hume, E. B.			

471	Hunnewell, H. G.	Daniel H. Hunnewell.	Soaps, Candles and Oil.	1606 Plum st.
797	Hunt, William L.	Fleischmann & Co.	General Manager.	Plum and Perry sts.
1720	Hunt, William P.	Cincinnati Type Foundry.	Secretary.	3 Longworth st.
307	Huntington, Frank.		Agent, Johnston Estate.	512 Johnston Building.
3607	Huntington, Frederick G.		Real Estate.	512 Johnston Building.
1930	Huschart, Frank M.	The John C. Roth Packing Co.	Treasurer and General Manager.	1010 Gest st.
1965	Huschart, George H.	Huschart Bros. & Co.	Provisions.	42 Walnut st.
620	Hutcherat, R. B.		Commission.	Paris, Ky.
3287	Hutton, James M.	W. E. Hutton & Co.	Note, Stock and Bond Brokers.	9-15 E. Third st.
3626	Hutton, William D.	W. E. Hutton & Co.	Note, Stock and Bond Brokers.	9-15 E. Third st.
49	Hutton, William E.	W. E. Hutton & Co.	Note, Stock and Bond Brokers.	9-15 E. Third st.
1063	Immenhorth, Henry, Jr.	The Marmet Co.	Superintendent of Transportation.	Central ave. and Water st.
99	Ingalls, M. E.	C. C. C. & St. L. Ry. Co.	President.	Big Four Office Building.
1572	Irwin, George F.		Commission and Brokerage.	49 Walnut st.
3968	Irwin, Harry R.		Provision Broker.	27 Vine st.
3328	Irwin, William G.	Queen City Cracker Co.	Note, Stock and Bond Brokers.	9 & 11 E. Court st.
1756	Irwin, William T.	Irwin, Ellis & Ballmann.	Pig Iron.	37 E. Third st.
3567	Isaacson, William J.	Dayton Coal and Iron Co. (Limited).	President.	213 & 214 Johnston Building.
3749	Ives, Franklin	Globe Soap Co.	Flour Inspector.	106 E. Water st.
3369	Izor, Monroe.			52 Walnut st.
4026	Jackson, James P.	DeCamp, Levoy & Co.	Manufacturers Saddles and Harness.	239 & 241 Main st.
2898	Jackson, R.	Jackson & Forbes.	Real Estate.	202 E. Fourth st.
265	Jacob, Charles H.	Henry W. Smith & Co.	Sunnyside Distilling Co.	344 W. Fourth st.
463	Jacob, George C.	The Jacob Packing Co.	Pork and Beef Packers.	N.W. cor. Canal and Findlay sts.
3288	Jacob, Joseph L.		Pork Packer.	Camp Washington, City.
2229	Jacobs, C. M.	Charles C. Jacobs Cordage Co.	Rope, Twine and Hemp.	225 & 227 Walnut st.
3155	Jacobson, Emil.	Emil Jacobson & Co.	Distillers' Agents & Whisky Brokers.	P. O. Box 176, City.
1569	Jacoby, J. B.	Janson Brothers.	Produce Commission.	Seven Mile, Butler County, O.
2712	Janson, Martin, Jr.	A. Jansen & Co.	Wholesale Grocers.	1648 Vine st.
1602	Jansen, August.		Teamster.	111 & 113 E. Second st.
1603	Janszen, Henry.	George Janton & Sons.	Soap, Candles and Lard.	27 Rittenhouse st.
2667	Jantton, George.		Commission.	Columbus, O.
887	Jeffras, Nathaniel A.	F. Jelke & Son.	Commission.	32 Carew Building.
229	Jelke, Ferdinand.	Roelker & Jelke.	Attorneys at Law.	53 Walnut st.
4101	Jenkins, T. M.	T. M. Jenkins & Co.	Coal.	Allen Building.
3542	Jewett, Joseph F., Jr.	The Jewett & Dwight Co.	Manufacturers of Bags.	Pittsburgh, Pa.
3441	Johnson, Brooks.	Brooks Johnson & Co.	Provision Brokers.	126 W. Second st.
1298	Johnson, Chapman.		Coal.	N.W. cor. Eighth and Sycamore.
200	Johnson, James T.	Covington & Cincinnati Bridge Co.		
2835	Johnson, John A., Asst. Secretary.	Johnson & Levy.	Attorneys at Law.	Front and Broadway.
2215	Johnson, J. William			Covington, Ky.
3346				18-19-20 Chamber of Com. Bldg.

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
190	Johnson, W. W.	W. W. Johnson & Co.	Wholesale Liquor Dealers.	120 & 122 Sycamore st.
2893	Jones, Clarence H.	Pittsburgh Coal Co.	Manager	Foot of Elm st.
2413	Jones, Frank J.		Attorney at Law	41 E. Fourth st.
3960	Jones, John H.		Wholesale Coal.	Monongahela City, Pa.
.....	Jones, Robert B.	Chicago, Rock Island & Pacific Ry.	General Agent.	Carew Building.
2395	Jones, Walter St. John	Jones, Montgomery & Co.	Fire Insurance	23 E. Third st.
3133	Jung, J. George.	Christian Moerlein Brewing Co.	General Manager.	2019 & 2021 Elm st.
2836	Kaes, George.	Wm. Rieker & Co.	Flour and Feed.	Ninth and Broadway.
2127	Kahn, Bernhard.	Kerr, Kahn & Co.	Wholesale Grocers.	33 & 35 Vine st.
219	Kahn, Charles, Jr.	Chas. Kahn, Jr. & Son	Loans and Real Estate.	16 E. Third st.
1216	Kahn, Felix.	F. & L. Kahn & Bros.	Stove Manufacturers	Hamilton, O.
444	Kahn, Lezard.	F. & L. Kahn & Bros.	Stove Manufacturers	Hamilton, O.
3487	Kahn, Wolf B.		Undertakers	9-15 E. Third st.
2439	Kain, Michael.	J. J. Sullivan & Co.		421 Central ave.
1289	Kasten, C. F.			18 Webster st.
2519	Kaus, John.	with J. F. Sadler & Co.	Live Stock Dealers.	Cincinnati Union Stock Yards.
4102	Kebler, Eliot A.	The Addyston Pipe and Steel Co.	Secretary	United Bank Building.
1210	Keck, Lee R.	C. P. B. S. & P. Packet Co.		Foot of Broadway.
824	Kellogg, Charles H., Jr.	Third National Bank.	Vice-President.	23 & 25 E. Third st.
496	Kennedy, D. M.	D. M. Kennedy & Co.	Forwarding Flour and Grain	Hamilton, O.
420	Kennedy, John M.			48 Chamber of Commerce Bldg.
487	Kennedy, Lewis.		Real Estate.	Tallapoosa, Ga.
1264	Kennedy, Maxwell		Life Insurance.	41 Mitchell Building.
488	Kennedy, Willis J.			316 & 318 Walnut st.
1638	Kennett, John	with J. M. McCullough's Sons.	Insurance Agents	135 E. Third st.
197	Kerr, Albert P.	A. P. Kern & Co.	Salt.	12 E. Second st.
1340	Kerr, J. C.	Kerr, Kahn & Co.	Wholesale Grocers.	33 & 35 Vine st.
3411	Kettler, John B.		Feed and Grain.	633 E. Pearl st.
2813	Keys, John B.		Printers and Binders.	Rear of 321 & 323 Race st.
3871	Kiechler, Philip S.	The Ohio Valley Co.	Tin, Slate and Tile Roofer	891 W. Ninth st.
127	Kiersted, Jeremiah.			127 E. Third st.
3835	Kilgour, B. L.	Cincinnati Street Railway Co.	Electrical Engineer.	N. W. cor. Fifth and Walnut sts.
502	Kilgour, John.	Cincinnati Street Railway Co.	President.	N. W. cor. Fifth and Walnut sts.
3	Kineon, Sol. P.	Kineon Coal Co.	Coal and Coke.	Smith and Water sts.
3909	King, Charles H.	Canada Southern Line.	Agent.	S. W. cor. Fourth and Vine sts.
4096	King, George I.	George I. King & Son.	Insurance	26 E. Third st.
3448	King, James B.	Star Union Line.	Freight Agent.	4 E. Fourth st.
2618	Kingsbury, Charles G., Agent.	American Express Co.		30 W. Fourth st.
4064	Kinney, Horace E.		Grain, Flour and Feed.	Indianapolis, Ind.
2528	Kinsey, George.	George Kinsey & Co.	Iron and Steel.	405 W. Fourth st.
68	Kinsinger, Fred.	The Latonia Distillery.	Distiller.	Milldale, Ky.



	Board of Police Commissioners	President of	City Hall
2637	Kirchner, Frank	Steamboating and Coal	Charleston, W. Va.
2638	*Kirk, John W.	Grocers	Walnut Hills, City.
3521	Kirker, Edward C.	Kirschner Bros.	Lawrenceburg, Ind.
862	Kirchner, Ferdinand	Coal and Coke	N. W. cor. Court and Broadway.
325	*Kirtley, J. M.	President	121 Sycamore st.
4073	Kirtley, William R.	Wholesale Liquors	N. W. cor. Court and Broadway.
988	Klein, Christian	Secretary and Treasurer	119 E. Front st.
2754	Klein, Simon	Produce Commission	112 E. Third st.
2803	Klein, William	Note, Stock and Bond Brokers	112 E. Third st.
2739	Kleinfelter, C. H.	Packers of Vegetables	132 E. Fourth st.
3744	Kleynbolte, Albert	Grain Commission	13 Chamber of Commerce Bldg.
3016	Kleybolte, Leopold	Capitalist	13 Chamber of Commerce Bldg.
3501	Kleybolte, Rudolph	Clothiers	N. E. cor. Fifth and Race sts.
....	Kline, Benneville	Manager	N. W. cor. Front and Main sts.
3982	Knaul, Charles E.	Coal and Coke	Smith and Water sts.
659	Knaul, M., Jr.	Flour Commission	305 Vine st.
4097	Knopf, Samuel	Wholesale Grocers	S. E. cor. Vine and Front sts.
4008	Knowles, James	President	Harriet and Richmond sts.
3853	Kopmeier, William	Liquor Dealers	32 Main st.
3955	Koss, Nicholas	Feed Store	S. W. cor. Fourth and Stone sts.
1184	Kreis, John A.	Wholesale Grocer	16 W. Second st.
3289	Krell, Albert, Jr.	Pig Iron and Coke	Mitchell Building
2285	Krenning, Henry R.	Cigars and Tobacco	318 Vine st.
3891	Krimpelman, John Henry	Salesman	Forestville, O.
3653	Kroger, B. H.	Wholesale Whisky	Plum and Canal sts.
3600	Kroger, Robert J.	Bankers	514-518 E. Pearl st.
2355	Krohn, Louis	Bankers	Mitchell Building
1329	Krug, Philip	Bankers	24 E. Third st.
3319	Kuerze, Robert M., President	Bankers	24 E. Third st.
3581	Kugel, Ignatius	Produce and Commission	135 E. Front st.
1023	*Kuhlmann, Bernard	Grain and Stock	Kyle's, O.
2425	Kuhn, Edward	Liquors	8-14 E. Third st.
1543	Kuhn, Louis	President and Treasurer	823 W. Sixth st.
439	*Kuhn, M. E.	Vice-President	823 W. Sixth st.
3966	Kuhn, Robert	Grain, Hay and Seed	Lynchburg, O.
3905	Kuhn, Simon	Secretary	N. E. cor. Twelfth and Plum sts.
1742	Kushman, Frederick		
631	Kyle, B. F.		
966	*Kyle, John		
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2134	Labold, A. S.		
2135	Lackman, Albert		
2136	Lackman, H. F.		
4114	Lacy, Frank		
3948	Lafferty, A. R.		

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
725	Lafferty, D. C.		Weizher	Harriet st. and C. H. & D. R. R.
1380	Lafferty, D. E.		Deputy Weizher	Harriet st. and C. H. & D. R. R.
3074	Laffey, James P.		Merchant Tailor.	413 Walnut st.
652	Lahmann, Henry		Produce and Commission.	132 W. Court st.
3142	Laidlaw, Robert	The Laidlaw-Dunn-Gordon Co.	Pumps, Machinery, etc.	Pearl and Plum sts.
2	Laidley, F. A.	C. P. B. S. & P. Packet Co.		Foot of Broadway.
3543	Laidley, Frederick R.	C. P. B. S. & P. Packet Co.		Foot of Broadway.
3052	Lampe, John B.		Feed Store.	Carthage, O.
3481	Lang, Robert	Wm. L. Lang & Co.	Grain, Flour and Feed	Idlewild, O.
546	Langdon, Perin	U. S. Baking Co. (Langdon Branch).	Bread and Cracker Bakers	323-407 Lock st.
698	Langhorst, Henry A.	Albert Schwill & Co.	Malt and Brewers' Supplies.	18-26 W. McMicken ave.
361	Lape, Jacob S.		Stock Broker	8 Laurel st.
1901	Laralde, E. N.			111 E. Third st.
1984	Larmon, James		Superintendent	932 & 934 W. Fifth st.
3088	Latta, L. I.	Cincinnati Elevator Co.	General Fire Insurance Agency	United Bank Building.
1279	Law, Charles H.	John H. Law & Bros.	General Fire Insurance Agency	United Bank Building.
1236	Law, George W.	John H. Law & Bros.	General Fire Insurance Agency	United Bank Building.
1235	Law, John H.	John H. Law & Bros.	Wholesale Grocers.	114 & 116 E. Second st.
743	Laws, Harry L.	The James H. Laws Co.	Tin Plate and Metals.	440 & 442 Main st.
1012	Lawson, F. H.	The F. H. Lawson Co.	Brokers	114 E. Third st.
4040	Lea, Este M.	Lea & Co.	Assignee	Lawrenceburg, Ind.
4128	Lee, Edwin M.	G. Y. Roots & Co.	Wholesale Liquors	116 Broadway.
273	Lehmer, James D.	Lehman, Moyses & Co.	Salesman	62 Main st.
3844	Lehman, Samuel	with Henry Heile & Son.	Grain and Stock Broker.	N. E. cor. Walnut and Water sts.
4075	Leindecker, Julius C.			Mitchell Building.
4088	Lemon, William M.			
3760	Leopold, Frederick B.			
1537	Lepper, Adam			
1970	Lett, Allen W.			
2234	Leverone, John	Lepper, Wade & Co.	Real Estate and Note Brokers.	29 E. Third st.
3067	Levi, Edwin J.	Lett & Co.	Commission.	44 Walnut st.
3765	Levi, Jacob C.	J. Leverone & Co.	Foreign Fruits and Fancy Groceries.	100 & 102 E. Front st.
748	Levi, Louis S.	Strasburger & Levi	Grain Commission.	12 Chamber of Commerce Bldg.
1715	Levi, Sol. W.	The Mountain Distilling Co.	Whisky	223 E. Third st.
432	Levy, Albert	Hirsch, Loewenstein & Levi	Distillers and Redistillers.	P. O. Box 517, City.
2461	Levy, Harry M.	James Levy & Bro.	Distillers and Liquor Dealers	529 & 531 Walnut st.
431	Levy, James	James Levy & Bro.	Distillers and Liquor Dealers	137 Sycamore st.
2871	Levy, Lippman	Johnson & Levy	Attorneys at Law	137 Sycamore st.
393	Lewis, Eugene L.		County Auditor—Court House	18-19-20 Chamber of Conn. Bldg.
3998	Lewis, Thomas M.	Lewis & Neblett.	China, Glass and Crockery	P. O. Box 583, City.
1809	Lewis, W. H.	W. H. Lewis & Co.	Leaf Tobacco	216 & 218 E. Third st.
685	*Linck, Frank			20 W. Front st.
3924	Lindsay, John D.	Big Four Grain Elevator.	Agent.	Sixth and Harriet sts.



## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
3729	McGowan, John H.	The John H. McGowan Co.	Pumping Machinery.	58 Central ave.
3730	McHugh, James T.	Clifton Springs Distilling Co.	Secretary.	Cumminsville, City.
3731	McIlvain, Thomas.	McIlvain & Spiegel Boiler & Tank Co.	President.	S. W. cor. Pearl and Lawrence.
3750	McIntyre, M. B.	The Snow-Church Co.	Law and Collection Agency.	Hammond Building.
3838	McKain, James.		Gauger Oils, Liquors, etc.	22 E. Second st.
327	McKeehan, James.			Neave Building.
562	McKeehan, Samuel.			51 Chamber of Commerce Bldg.
3221	McKenzie, Stephen M.	J. N. Harris & Co. (Limited).	Proprietary Medicines.	333 Sycamore st.
3549	McKinley, William H.	McKinley Coal Co.	Coal.	Pittsburgh, Pa.
3832	McLaughlin, S. T.	Continental Fast Freight Line.	General Manager.	S. E. cor. Fourth and Vine sts.
409	McLean, John R.	Cincinnati Enquirer.	Proprietor and Publisher.	617 Vine st.
1478	McLeod, A. H.	C. H. & D. R. R. Co.	General Freight Agent.	Carew Building.
3591	McLeod, Albert D.	C. H. & D. R. R. Co.	Assistant General Freight Agent.	120 & 122 Sycamore st.
689	McNamara, T. E.	with W. W. Johnson & Co.	Commission, Whisky.	11 Chamber of Commerce Bldg.
3313	McQuillan, William R.	Maguire & Co.	Grain Commission.	211-221 Longworth st.
....	McRae, Milton A., <i>Manager</i>	The Post Publishing Co.		
330	Macbrair, W. C.	Macbrair Lithographing Co.	Vice-President and General Manager.	S. E. cor. Fifth and Sycamore sts.
4099	Macdonald, Alfred J.	with Donald Macdonald.	Coal and Coke.	805 & 806 Neave Building.
3827	Macdonald, Donald.		Coal and Coke.	805 & 806 Neave Building.
3839	Macdonald, John M.	with The Procter & Gamble Co.	Clerk.	United Bank Building.
877	Mack, E. J.	Elias Block & Sons.	Distillers.	130-134 Sycamore st.
624	Mack, Isaac H.			
625	Mack, Marc H.	Mack, Stadler & Co.	Wholesale Clothing.	Room E, Mitchell Building.
2864	Mack, M. J.		Life Insurance.	United Bank Building.
4053	Mackey, John.	Mackey Towboat Line.	Sullage and Towboating.	Foot of Baymiller st.
3085	Maddux, Harry H.		Public Weigher.	Front and Baymiller sts.
1176	Maescher, J. V.	Maescher & Co.	Pork and Beef Packers.	1754 & 1756 Central ave.
3886	Maescher, Louis J.	Maescher & Co.	Pork and Beef Packers.	1754 & 1756 Central ave.
1177	Maescher, William.			Cedar Point, Hamilton Co., O.
....	Magill, H. M., <i>Agent</i> .	Phoenix Insurance Co.		S. W. cor. Race and George sts.
186	Maguire, Charles S.	Maguire & Co.	Grain Commission.	11 Chamber of Commerce Bldg.
3366	Maher, James J.	Erle Despatch.	Contracting Agent.	11 W. Fourth st.
2355	Mahoney, James.		Wholesale and Retail Grocer.	232 Broadway.
3890	Mallon, Guy W.	Mallon, Coffey & Mallon.	Attorneys at Law.	146 E. Fourth st.
3159	Mans, Louis.	The Mans Bros. Boot and Shoe Co.	President.	23 W. Pearl st.
3987	Mappes, William P.	Ricke & Mappes.	Produce Commission.	8 & 10 W. Court st.
2930	Marblestone, Manuel.			84 W. Pearl st.
3644	Marcus, M.		Contractor and Builder.	1513-1521 Plum st.
4009	Marfield, Elliott.	with Board of Administration.	Purchasing Agent.	City Hall.
3836	Marienthal, Moses.	Marienthal & McCabe.	Hides and Wool.	517-523 Poplar st.
14	Markbreit, Leopold.	Cincinnati Volksblatt.	Business Manager.	637 Vine st.

812	Marmet, Otto.....	Coal and Coke.....	19 Clark st.
3808	Marmet, William.....	Coal and Coke.....	S. W. cor. Central av. and Water.
3887	Martin, Robert A.....	Salesman.....	Front and Vine sts.
3498	Marty, L. K.....	Capitalist.....	205 Johnston Building.
3895	Mather, Henry B.....	Coal and Coke.....	201 & 202 Neave Building.
2572	Mathers, Hiram S.....	Real Estate.....	18 E. Fourth st.
3065	Mathews, George.....	Secretary.....	51-57 Longworth st.
4082	Mattan, John.....	Queen City Harbor Co.....	Foot of Niagara st.
3989	Mattox, John W.....	Groceries, Grain, etc.....	Cynthiana, Ky.
366	Mauck, Eli R.....	Steamboat Agents.....	206 Public Landing.
289	Maxwell, Marcellus J.....	Statistician.....	Urbana, O.
28	Maxwell, Sidney D.....	Bankers.....	Neff ave. and Isabella st.
3196	May, Sol.....	Wholesale Liquors.....	United Bank Building.
2143	Mayer, Charles.....	Wholesale Clothing.....	S. W. cor. Third and Walnut sts.
3868	Mayer, Emil M.....	Wholesale Clothing.....	23 E. Pearl st.
2536	Mayer, Lewis.....	Real Estate and Loan Broker.....	N. E. cor. Third and Vine sts.
2443	Mayer, Theodore.....	Iron.....	N. E. cor. Third and Vine sts.
4089	Mayer, Theodore.....	Railway Ticket Broker.....	102 E. Third st.
4132	Meacham, D. B.....	Distillers.....	Carew Building.
3251	Meader, H. C.....	Brokers.....	42 E. Fourth st.
3436	Megibben, James W.....	Lumber.....	Cynthiana, Ky.
40	Megibben, Joseph R.....	Cotton Factors and Commission.....	S. W. cor. Second and Walnut.
3510	Mehlhopfe, J. F.....	Manfrs. Brushes and Wire Goods.....	905 Vine st.
3532	Mehmert, Frederick.....	President.....	McMicken ave., opp. Race st.
3267	Meier, Henry William.....	Manufacturers of Bags.....	11 W. Second st.
268	Mellen, W. S.....	Pork and Beef Packers.....	429 Walnut st.
3921	Melish, William B.....	Insurance.....	228 E. Fourth st.
2509	Menderson, Jacob.....	Pork and Beef Packers.....	49 Vine st.
3390	Mente, Eugene W.....	Real Estate Brokers.....	S. E. cor. Central av. and Linn st.
4007	Meyer, Clarence B.....	Jeweler.....	111 E. Third st.
3589	Meyer, D. B.....	Wines and Liquors.....	S. E. cor. Central av. and Linn st.
66	Meyer, H. H.....	Wines and Liquors.....	304 Walnut st.
347	Meyers, George F.....	Journalist.....	212 W. Fourth st.
2239	Michie, William.....	President.....	514-518 E. Pearl st.
3285	Mihalovitch, B.....	Manufacturer Vinegar, Pickles, etc.....	514-518 E. Pearl st.
3218	Mihalovitch, Morris.....	Capitalist.....	421 W. Eighth st.
3653	Millar, Cons. D.....	Treasurer.....	115-119 E. Seventh st.
3126	Miller, Frank H.....	Oil and Car Grease.....	1272-1276 Harrison ave.
3249	Miller, Frederick.....	General Agent.....	S. W. cor. Third and Walnut sts.
1143	Miller, Griffin T.....	Distiller and Real Estate Dealer.....	503 & 504 Johnston Building.
4027	Miller, Howard S.....		Queen City Club.
3392	Miller, John H.....		503 & 504 Johnston Building.
944	Miller, Jos. W.....		10 Pike Building.
869	Miller, R. T., Vice-President.....		132 E. Fourth st.
2490	Millikin, P. M.....		
517	Mills, Charles L.....		

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

NO.	NAME.	FIRM.	BUSINESS.	LOCATION.
4061	Minges, H., Jr.	H. Minges Flour and Feed Co.	Flour and Feed.	Newport, Ky.
779	Mitchell, James R.	Minor & Dixon.	Wholesale Grocers.	212 & 214 Vine st.
1170	Mitchell, Albert H., <i>Treasurer</i>	The Robt. Mitchell Furniture Co.		17-23 W. Fourth st.
873	Mitchell, Pierson R.	The P. R. Mitchell Co.	Wool, Curled Hair, etc.	122 & 124 W. Pearl st.
1169	Mitchell, Robt., <i>President</i>	The Robt. Mitchell Furniture Co.		17-23 W. Fourth st.
2911	Moch, Elias	Moch, Berman & Co.	Capitalist.	31 W. Third st.
2912	Moch, Moses E.		Wholesale Clothiers.	31 W. Third st.
3638	Moenedick, Louis	The Christian Moerlein Brewing Co.	Feed Store.	Harrison av. and B. & O. S. W. R. R.
885	Moerlein, Christian, <i>President</i>			2019 & 2021 Elm st.
1689	Moerlein, George	Huntington & St. Louis Towboat Co.	General Manager.	Foot of Race st.
1270	Montgomery, Alex.	A. Montgomery & Co.	Coal.	Covington, Ky.
3434	Montgomery, George H.	with W. E. Hutton & Co.	Provision Broker.	51 Chamber of Commerce Bldg.
1299	Montgomery, Robert	American Oak Leather Co.	Note, Stock and Bond Brokers.	9-15 E. Third st.
518	Montgomery, William	Moore & Garner.	Manufacturers of Leather.	338 Main st.
613	Mooney, James E., <i>President</i>	Moore, Warren & Co.	Flour, Grain and Mill Feed.	15 Chamber of Commerce Bldg.
2976	Moore, Edward D.	Moores Lime Co.	Cotton.	136 W. Second st.
2674	Moore, Edward E.		Caterer.	108 W. Sixth st.
4077	Moore, Lewis W.	Grote-Greensfreet Chemical Co.	Lime, Cement, Sewer Pipe, etc.	933 W. Fifth st.
4018	Moore, Fenton Lawson.	Advance Coal Co.	Attorney at Law.	N. E. cor. Fifth and Main sts.
3500	Moormann, Frank J.	White Line Central Transit Co.	Manufacturing Chemists.	34 Main st.
4129	Moormann, Robert A.		Agent.	9 Commercial-Gazette Building.
1035	Morehead, H. B.	Belmont Coal Co.		Pittsburgh, Pa.
2621	Moren, John	with James Morrison & Co.		N. W. cor. Fourth and Vine sts.
3643	Morrill, William S.	James Morrison & Co.		
1095	Morris, Henry B.	with James Morrison & Co.		
4138	Morrison, George O.	Arcadian Process Co.	Agent.	510 Neave Building.
114	Morrison, James K.	New York, Lake Erie & Western R. R.	Pork Packers.	Bank and Riddle sts.
3907	Morrison, John C.	with Cincinnati Price Current.	Superintendent.	Bank and Riddle sts.
113	Morrison, Thomas	Morton & Johns.	Pork Packers.	Bank and Riddle sts.
3916	Morrison, Thomas H.	Morton & Johns.	Clerk.	Bank and Riddle sts.
2654	Morrison, William P.	with R. A. Dykins & Co.	General Agent.	Station A, City.
3534	Morse, Charles P.	Mosler Safe Co.		11 W. Fourth st.
4072	Morten, Joseph D.	Mosler Safe Co.	Contractors and Builders.	Brandon Building.
4119	Morton, Daniel W.	Mosler Safe Co.	Clerk.	413 E. Second st.
514	Morton, Edwin.	Mosler Safe Co.		919 & 921 W. Fifth st.
2891	Morton, William R.	George Zeller Provision Co.	Broker.	11 Chamber of Commerce Bldg.
1813	Mosler, Max.	Lutterbey & Muhlhäuser	Vice-President.	208-214 Elm st.
2349	Mosler, Moses.	Windisch-Muhlhauser Brewing Co.	President.	208-214 Elm st.
2351	Mosler, William.		Secretary.	208-214 Elm st.
3824	Mueller, Fred.		Secretary and Treasurer.	1705 Logan st.
1982	Mueller, John.		Coal.	Lockland, O.
1003	Muhlhauser, Christian.		Malsters.	1167 & 1169 Harrison ave.
3175	Muhlhauser, Edward C.		Superintendent.	Plum and Liberty sts.

1544	Muhlhauser, Gottlieb.	Windisch-Muhlhauser Brewing Co.	President.	Plum and Liberty sts.
1545	Muhlhauser, Henry.	Windisch-Muhlhauser Brewing Co.	Vice-President	Plum and Liberty sts.
2941	Muhlhauser, Henry, Jr.	Windisch-Muhlhauser Brewing Co.	Treasurer	Plum and Liberty sts.
54	Mullane, A. J.	Nash, Chat. & St. Louis Ry. Co.	General Agent.	United Bank Building.
3711	Mullane, Daniel J.	Mulvihill & Rohan	Commission, Produce	41 E. Fourth st.
4111	Mulvihill, John C.	Mulvihill & Rohan	Undertaker.	38 Walnut st.
3398	Mulvihill, Thomas J.	Allen & Munson.	Commission, Flour and Grain.	S. E. cor. Sycamore and New sts.
293	Munson, George F.	J. G. Murdock & Co.	Plumbers	17 Chamber of Commerce Bldg.
3123	Murdoch, John G.	Editor Cincinnati Price Current.	Attorneys at Law.	430 Plum st.
2147	Murphy, John P.	Empire Line.	Supt. Chamber of Commerce.	S. E. cor. Fifth and Walnut sts.
121	Murray, Charles B.	C. C. C. & St. L. Ry. Co.	Agent.	Brandon Bldg. & Cham. of Com.
4076	Murray, Oscar G., <i>Frt. Traffic Mgr.</i>	Charles F. Muth & Son.	Baker.	N. W. cor. Fourth and Vine sts.
3258	Murray, James A.	Charles F. Muth & Son.	Dealers in Honey.	Big Four Office Building.
2750	Muth, Aug. E.	Mackey Towboat Line.	Dealers in Honey.	411-415 Richmond st.
2856	Muth, Charles F.		Attorney at Law.	Freeman and Central aves.
3706	Myers, Harvey.		Towboating.	Covington, Ky.
2927	Myers, William S.			Foot of Baymiller st.
3550				
3783	Nadaud, C. E.		Flour, Grain and Mill Feed.	52 Walnut st.
1154	Nagel, Henry.		Flour and Feed Mill.	82 McLean ave.
3272	Nathan, Jacob.		Capitalist.	367 W. Fourth st.
3858	Neal, Joseph M.	Geo. W. Neare & Co.	Insurance.	Portland, Ind.
3642	Neare, Clarence J.	Geo. W. Neare & Co.	Insurance.	N. E. cor. Front and Main sts.
4131	Neare, G. D.	Neff, Wasson & Co.	Insurance.	N. E. cor. Front and Main sts.
2858	Neff, Clifford Gordon.	Richmond & Danville R. R.	Commercial Agent.	123 E. Third st.
3682	Neff, Sam C.	The John H. McGowan Co.	Pumping Machinery.	S. W. cor. Fourth and Vine sts.
3730	Neil, John W.	Reinhardt & Newton.	Wholesale Confectioners.	38 Central ave.
2435	Newton, George G.			8-10 W. Second st.
2545	Nicolay, Henry.			645 Elm st.
3879	*Nixon, Robert M.	with R. G. Dun & Co.	Assistant Manager.	N. W. cor. Third and Vine sts.
3456	Nixon, Willard D.	Nordmeyer & Berding.	Flour, Grain and Mill Feed.	708 Washington st., Cov., Ky.
1131	Nordmeyer, Andrew.	A. G. Norman & Co.	Produce Commission.	40 Walnut st.
3992	Norman, Andrew G.	Simmons & Norris.	Produce Commission.	21 Walnut st.
3999	Norris, Charles R.	Nowlin & Co.	Hay and Grain.	Lawrenceburg, Ind.
3562	Nowlin, Lewis M.			21 Atlas Bank Building.
3606	Noyes, Joseph C.			
2457	*Odiorne, Thomas G.		Wholesale Clothing.	N. E. cor. Third and Vine sts.
3189	Offner, Alexander.	Mayer, Scheuer, Offner & Co.	Coal.	Pittsburgh, Pa.
3104	*Olmstead, H. B., <i>Cashier</i>	O'Neil & Co.	Coal.	Pittsburgh, Pa.
3529	O'Neil, W. D.	W. W. O'Neil Coal Co.	Provision Inspector.	C, Chamber of Commerce.
3535	O'Neil, William W.			
3106	O'Neill, James.			

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
611	Osborn, E. F.	C. C. C. & St. L. Ry. Co.	Secretary.	Big Four Office Building.
2711	Osborn, S. J., Jr.	James Walsh & Co.	Distillers.	3 Pike Building.
3968	O'Shaughnessy, P.	Oskamp, Henry	Real Estate.	S. E. cor. Race and Longworth.
3919	Oskamp, Henry	Oskamp, William S. P.	Jewelers.	S. W. cor. Fifth and Vine sts.
3277	Osterfeld, August	Bellevue Brewing Co.	President.	601-615 W. McMicken ave.
3688	Osterholt, John L.	The Ruttile-Schlickman Packing Co.	Pork and Beef Packers.	Covington, Ky.
1898	Owen, B. M.	Owen & Sons.	Bakers and Confectioners.	344 W. Court st.
3983	Page, C. E.	Western Union Telegraph Co.	Manager.	N. W. cor. Fourth and Vine sts.
440	Palmer, G. G.	The House & Palmer Co.	Millers.	Lockland, O.
4069	Palmer, Lyburn T.	The Palmer Milling Co.	Secretary and Treasurer.	Middletown, O.
1484	Pape, A. H.	Chesapeake & Ohio Railway Co.	Soliciting Freight Agent.	S. W. cor. Fifth and Walnut sts.
1955	Parker, E. W.	E. W. Parker & Co.	Coal Dealers.	224 Public Landing.
886	Parker, James D.	{ Cincinnati Ice Manufacturing } { and Cold Storage Co. }	Coal Dealers.	United Bank Building.
1673	Parker, Luther	E. W. Parker & Co.	Coal Dealers.	417 E. Court st.
1956	Parker, Nathan	Patterson & Evans.	Coal Dealers.	224 Public Landing.
4107	Partridge, William T.	Patterson & Evans.	General Commission.	52 Vine st.
45	Patterson, H. B.	Patterson & Evans.	Coal.	Dayton, O.
3502	Patterson, S. J.	Marion County Distillery Co.	President.	Louisville, Ky.
3514	Patterson, William, Jr.	Union Central Life Insurance Co.	President.	902 Neave Building.
508	Pattison, E. M.	with S. F. Dana & Co.	Coal.	S. E. cor. Fourth and Central av.
2433	Pattison, John M.	Paxton, Warrington & Boutet.	Bookkeeper.	Newport, Ky.
3941	Patzold, Charles A.	West Shore Fast Freight Line.	Attorneys at Law.	Bank and Riddle sts.
115	Paul, John W.	B. & O. Southwestern R. R.	General Agent.	United Bank Building.
3137	Paxton, Thomas B.	Henry Pearce's Sons.	Stock and Grain Dealer.	N. W. cor. Fourth and Vine sts.
4028	Paxton, W. O.	Henry Pearce's Sons.	Vice-President and General Manager.	Camden, O.
3833	Payne, Henry H.	Peck & Williamson Heat & Vent. Co.	Manfrs. Cotton Yarn, Twine, etc.	Central Union Station.
1548	Peabody, W. W.	Peck & Shaffer.	Manfrs. Cotton Yarn, Twine, etc.	108 & 110 W. Second st.
1069	Pearce, Thomas C.	Peck & Shaffer.	Manfrs. Cotton Yarn, Twine, etc.	City.
1663	Pearce, Henry Jr.	Joseph R. Peebles' Sons Co.	President.	313-317 W. Fifth st.
2926	Peaslee, John B.	Grove J. Penney & Co.	Attorneys at Law.	Atlas Bank Building.
3927	Peck, George	The U. S. Bung Manufacturing Co.	President.	Covington, Ky.
3460	Peck, Hiram D.	Lyman Perin & Sons.	Grocers and Wine Merchants.	15-21 E. Fourth st.
583	Peck, Hiram Harper	Lyman Perin & Sons.	Commission and Grain Dealers.	48 Mitchell Building.
2624	Peebles, Joseph S.	Lyman Perin & Sons.	General Manager.	649-655 Evans st.
153	Penney, Grove J.	Lyman Perin & Sons.	Flour.	Perin Building.
3433	Pentlarge, Frederick	Lyman Perin & Sons.	Flour.	46 Walnut st.
1043	Perin, Frank L.	Lyman Perin & Sons.	Flour.	46 Walnut st.
2578	Perin, Lyman	Lyman Perin & Sons.	Flour.	46 Walnut st.
3064	Perin, Lyman, Jr.	Lyman Perin & Sons.	Flour.	46 Walnut st.



1918	Perin, Oliver L.	Consolidated Distilling Co.	Superintendent.	1509-1511 W. Sixth st.
3923	Perkins, William T.	John J. Perkins & Co.	Grocers.	41 & 43 Vine st.
1413	Peters, Ralph, <i>Superintendent</i>	P. C. C. & St. L. Ry. Co.		L. M. R. R. Depot.
3565	Pettibone, James.	Pettibone Bros. Manufacturing Co.	President.	624-632 Main st.
1922	Phester, Frederick	Butchers Hide Association.	Superintendent.	508-514 Poplar st.
1001	Phister, Chambers.	C. G. Phister	Groceries and Flour.	413 E. Pearl st.
3840	Pickelheimer, Moses.	Ruttie-Schlickman Packing Co.	Farming.	Constance, Ky.
3976	Pieper, Fred.	Jason Evans Estate.	President.	Covington, Ky.
727	Pine, William.	The H. & S. Pogue Co.	Agent.	4 Temple Bar.
3714	Pleumer, Adolph.	Pogue, Pottinger & Pogue.	Pig Iron Commission.	3 Chamber of Commerce Bldg.
3596	Pogue, Henry.	National Insurance Co.	Dry Goods.	20-28 W. Fourth st.
3558	Pogue, John F.	Poland & Boyle	Attorneys at Law.	United Bank Building.
2981	Pohlman, G. W.	Poland & Pollak Iron Co.	President.	21 E. Third st.
3088	Poland, Lawrence.	The Mt. Carbon Co. (Limited).	Electric Appliances	118 W. Second st.
3831	Pollak, Emil.	W. G. Pratt Commission Co.	Real Estate.	131 E. Fourth st.
2567	Powell, Evan.	Strauss, Fritz & Co.	Iron and Metals.	17 Sinton Building.
3847	Pratt, Benjamin F.	Elsas & Fritz.	Coal and Coke	Powellton, W. Va.
4108	Pritz, Benjamin	with Strauss, Fritz & Co.	Cooperage and Coopers' Stuff.	40 E. Court st.
760	Pritz, Samuel.	Strauss, Fritz & Co.	Distillers and Liquor Dealers.	52 & 54 Main st.
3662	Pritz, Sidney E.	The Procter & Gamble Co.	Hops and Barley.	214 & 216 E. Court st.
3670	Pritz, Solomon W.	A. H. Pugh Printing Co.	Distillers and Liquor Dealers.	52 & 54 Main st.
759	Procter, William A.	Herring-Hall-Marvin Co.	Distillers and Liquor Dealers.	52 & 54 Main st.
528	Procter, William Cooper.	Putnam, Hooker & Co.	Soap, Candles and Oils.	United Bank Building.
1637	Pugh, A. H.	J. B. Hammer & Co.	Printers and Blank Book Mfrs.	310 Walnut st.
3252	Pullen, Richard B., Jr.		Attorney at Law.	Pullan ave., City.
769	Pullen, Richard T.		Manufacturers of Safes (Secretary).	225 W. Pearl st.
259	Putnam, B. W.		Dry Goods, Commission.	16 & 18 E. Second st.
3915	Quinn, Richard.		Produce Commission.	125 E. Front st.
3898	Rabenstein, George.		Grits, Hominy and Feed Mills.	Harrison av. and R. & O. S. W. R. R.
482	Ramp, Samuel W.	W. J. Ramsay & Co.	Flour, Feed and Grain.	Pike Building.
3893	Ramsay, W. J.	Piqua Malt Co.	President.	708 Madison av., Covington, Ky.
1966	Rankin, Charles F.	The Stacey Manufacturing Co.	Gas Works Builders.	Piqua, O.
2358	Ranshaw, Henry.	Henry Ransick & Sons.	Commission, Produce.	239 Mill st.
4022	Ransick, Edward.	Frederick Rauh & Co.	Insurance.	242 W. Sixth st.
2938	Rauh, Frederick.	John Raum & Co.	Pork Packers.	115 E. Third st.
3276	Raum, Louis L.	J. Rawson & Sons.	Pork Packers.	115 E. Third st.
2248	Raum, John.	J. Rawson & Sons.	Pork Packers.	306 & 308 E. Pearl st.
999	Rawson, Edward.	J. Rawson & Sons.	Pork Packers.	916 Sycamore st.
1000	Rawson, Joseph, Jr.	J. Rawson & Sons.	Pork Packers.	916 Sycamore st.
1476	Rawson, Warren.	J. Rawson & Sons.	Pork Packers.	916 Sycamore st.
2837	Redway, A. J.			Mitchell Building.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
2752	Reece, M. M.	Lackawanna Fast Freight Line.	Agent.	S. W. cor Fourth and Vine sts.
235	Regan, John.		Contractor.	Box 174, Builders' Exchange.
2250	Reichel, Chris.	Chris. Reichel & Co.	Teamsters.	25-29 W. Water st.
215	Reis, Abraham.	The Bensinger Co.	Cigars.	S. E. cor. Pearl and Vine sts.
213	Reis, Julius.	with Seagoonood & Mayer.	Bankers.	S. W. cor. Third and Walnut sts.
214	Reis, Samuel.		Cigars and Tobacco.	4 Bodman Building.
312	Reis, Isaac.		Cigar Manufacturer.	S. E. cor. Pearl and Vine sts.
3035	Rembold, C. H.	Cincinnati Times-Star Co.	Business Manager.	N. E. cor. Sixth and Walnut sts.
3526	Remmers, John H.	John H. Remmers & Co.	Pork and Beef Packers.	1456 & 1458 Harrison ave.
2524	Rettig, John.		Artist.	College Building.
1400	*Reynolds, Frank.			
3243	Reynolds, Robert R.	Stone Lake Ice Co.	President.	2116 Central ave.
1377	Rheinstrom, Abraham.	Rheinstrom Bros.	Wholesale Liquors.	Pearl and Martin sts.
1376	Rheinstrom, Isaac.	Rheinstrom Bros.	Wholesale Liquors.	Pearl and Martin sts.
3885	Rheinstrom, Sigmund.	Rheinstrom, Bettman, Johnson & Co.	Wholesale Liquors.	306-310 E. Ninth st.
3199	Rhinock, Joseph L.		Mayor's Office.	Covington, Ky.
203	Rhodes, J. H.			3 Carlisle Building.
3087	Rice, Charles F.	Haldeman Paper Co.	Grain.	Pleasant Plain, Warren Co., O.
672	Richardson, J. C.	Standard Oil Co.	President.	Lockland, O.
3528	Richey, Robert W.	Wm. Rieker & Co.	General Manager.	105-109 E. Pearl st.
861	Rieker, William.		Flour and Feed.	N. E. cor. Ninth and Broadway.
3971	Rigdon, Harry.		Coal Gauger.	N. W. cor. Front and Broadway.
4136	Rinearson, William C.	Cin. New Orleans & Texas Pacific Ry.	General Passenger Agent.	Odd Fellows Building.
201	Roach, P. E.			275 W. Eighth st.
1665	Robb, J. M. D., Manager.	Fairbanks, Morse & Co.	Scales, Trucks, etc.	307 Walnut st.
4035	Roberts, J. Nevlin.	Roberts & Hull.	Investments.	44 E. Third st.
3839	Robertson, William F.	W. F. Robertson Steel and Iron Co.	Iron and Steel.	7 & 8 Chamber of Commerce.
3882	Robinson, A. W.	Steamboat Drug Co.	Drugs.	Front and Broadway.
3763	Robinson, Harold W.	Queen City Eureka Yeast Co.	Treasurer.	1317 Central ave.
2948	Robinson, James M.	J. M. Robinson & Co.	Manufacturers of Machinery.	325-331 W. Second st.
3006	Robinson, Liston C.	with Fleischmann & Co.	Superintendent, Yeast Department.	419 & 421 Plum st.
1814	Robson, Charles.	G. W. Robson, Jr. & Co.	Capitalist.	40 Atlas Bank Building.
678	Robson, George W., Jr.	with Armour Packing Co.	Distillers.	119 Sycamore st.
4086	Rockel, Charles.		Manager, Cincinnati Agency.	33 & 35 Main st.
2990	Rodgers, William B.	Cincinnati Times-Star.	Associate Editor.	N. E. cor. Sixth and Walnut sts.
3524	Roe, George Mortimer.	Cincinnati Scale Manufacturing Co.	Manufacturer of Scales.	212 Walnut st.
4081	Rogers, William C.	Mulvihill & Rohan.	Commission, Produce.	38 Walnut st.
4112	Rohan, Andrew.		Distiller.	German town, O.
1408	Rohrer, David.	Romer Bros.	Produce Commission.	20 W. Court st.
3889	Romer, Louis.	Whitcomb & Root.	Grain and Produce Commission.	23 Chamber of Commerce Bldg.
777	Root, George A.	H. Rosenthal & Sons.	Wholesale Liquors.	228 E. Second st.
3884	Rosenthal, Myer S.			Poplar st. and Western ave.
2753	Rotert, Henry.	H. Rotert & Co.	Feed Store.	

3577	Rotert, Henry, Jr.	H. Rotert & Co.	Feed Store.	Poplar st. and Western ave.
2028	Roth, E. N.	The John C. Roth Packing Co.	St. Nicholas Hotel.	Fourth and Race sts.
65	Roth, John C.	The John C. Roth Packing Co.	Pork and Beef Packers.	1010 Gest st.
3569	Roth, Joseph L.	The John C. Roth Packing Co.	Pork and Beef Packers.	1010 Gest st.
3072	Rothier, Charles C.	C. C. Rothier & Co.	Fire Insurance.	141 E. Third st.
3114	Rothier, F. A.	Eureka Fire and Marine Ins. Co.	President.	121 E. Third st.
3736	Rothschild, Charles R.	C. R. Rothschild & Co.	Brokers.	N. W. cor. Fifth and Vine sts.
2949	Rover, August.	A. Rover & Co.	General Commission.	140 W. Court st.
2655	Rover, B. H.		Real Estate.	N. E. cor. Freeman av. and York
187	*Rover, George H.	Geo. H. Rover's Sons.	Grain Commission.	9 Chamber of Commerce Bldg.
3770	Rover, Harvey F.	Market National Bank.	Vice-President and Cashier.	N. W. cor. Fourth and Plum sts.
798	Rowe, Casper H.			601 W. Sixth st.
724	Royse, Thomas S.			Peoria, Ill.
4140	Rubel, Isaac.	American Spirits Mfg. Co.	General Agent.	Hebron, Ky.
3544	Rucker, John J.	J. J. Rucker & Co.	General Merchandise.	41 Walnut st.
1276	Ruelwien, Charles.		Commission, Flour and Produce.	Perin Building.
3136	Rugg, Joseph K.	J. K. Rugg & Co.	Consulting Engineers.	Security Bldg., Chicago, Ill.
3471	Ruhrmann, Otto.	{ De LaVergne Refrigerating Ma- chine Co., of New York }	Agent.	12 E. Third st.
499	Runk, Charles F.	Runk, Lahusen & Heinsheimer.	Fire Insurance.	Hamilton, O.
2980	Rupp, George.	George Rupp & Co.	Pork Packers.	Fifth and Lock sts.
3205	Russell, A. O.	The United States Printing Co.	President and General Manager.	Central Union Depot.
3691	Ryan, Charles B.	Chesapeake & Ohio Ry.	Division Passenger Agent.	Spring Grove ave.
224	Ryan, Mathew.	Cincinnati Abattoir Co.	Pork and Beef Packers.	Spring Grove ave.
225	Ryan, Michael.	Cincinnati Abattoir Co.	Pork and Beef Packers.	Spring Grove ave.
227	Ryan, Richard.	Cincinnati Abattoir Co.	Pork and Beef Packers.	Spring Grove ave.
3496	*Ryan, William F.			
3723	Sachs, Morris.	Morris Sachs & Co.	Brokers, Stocks and Real Estate.	141 E. Fourth st.
1024	Sadler, J. F.	J. F. Sadler & Co.	Live Stock Brokers.	New York City.
753	Sadler, L. L.	J. F. Sadler & Co.	Live Stock Brokers.	Cincinnati Union Stock Yards.
2253	Sampson, William S., Jr.			P. O. Box 299, City.
1070	Sander, Adolph.	A. Sander Packing Co.	Pork and Beef Packers.	1022 & 1024 Gest st.
3811	Sanders, William C.	The Old "76" Distilling Co.	Superintendent.	Newport, Ky.
818	Sandheger, Christ.		Wines and Liquors.	123-129 W. Court st.
3345	Sargent, Edward.	with J. Rawson & Son.	Live Stock Agent.	18 E. Third st.
2392	Sargent, S. A.	Hartford Life Insurance Co.	General Agent.	916 Sycamore st.
3296	Sayers, E. B.	Sayler & Sayler.	Attorneys at Law.	11 Chamber of Commerce Bldg.
2155	Sayler, Nelson.	R. G. Dun & Co.	Mercantile Agency.	40 E. Third st.
323	Scarlett, Joseph A.	with Armour & Co., Chicago.	Provision Broker.	N. W. cor. Third and Vine sts.
4134	Schaper, Bernard.	Cincinnati & Toledo Fast Frt. Line.	Agent.	125 E. Second st.
4098	Schatzman, Charles H.	McIlvain & Spiegel Boiler & Tank Co.	Secretary.	4 E. Fourth st.
3864	Scheibly, John B.		Assistant U. S. Engineer.	S. W. cor. Pearl and Lawrence.
4016	Schenk, Eduard.		Commission.	Government Building.
1066	Schepers, William.			1137 W. Sixth st.

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
725	Lafferty, D. C.	.....	Deputy Weigher	Harriet st. and C. H. & D. R. R.
1380	Lafferty, D. E.	.....	Merchant Tailor	413 Walnut st.
3974	Laffey, James P.	.....	Produce and Commission	132 W. Court st.
652	Lahmann, Henry	.....	Pumps, Machinery, etc.	Pearl and Plum sts.
3142	Laidlaw, Robert	.....	.....	Foot of Broadway.
2	Laidley, F. A.	.....	.....	Foot of Broadway.
3543	Laidley, Frederick R.	.....	Feed Store	Carthage, O.
3052	Lampe, John B.	.....	Grain, Flour and Feed	Idlewild, O.
3481	Lang, Robert	.....	Bread and Cracker Bakers	323-407 Lock st.
546	Langdon, Perin	.....	Malt and Brewers' Supplies	18-26 W. McMicken ave.
698	Langhorst, Henry A.	.....	Stock Broker	8 Laurel st.
361	Lane, Jacob S.	.....	Superintendent	111 E. Third st.
1900	Laralde, E. N.	.....	General Fire Insurance Agency	932 & 934 W. Fifth st.
1984	Larmon, James	.....	General Fire Insurance Agency	United Bank Building.
3688	Latta, L. I.	.....	General Fire Insurance Agency	United Bank Building.
1279	Law, Charles H.	.....	Wholesale Grocers	114 & 116 E. Second st.
1236	Law, George W.	.....	Tin Plate and Metals	440 & 442 Main st.
1235	Law, John H.	.....	Brokers	114 E. Third st.
743	Laws, Harry L.	.....	Assignee	Lawrenceburg, Ind.
1012	Lawson, F. H.	.....	Wholesale Liquors	116 Broadway.
4040	Lea, Este M.	.....	Salesman	N. E. cor. Walnut and Water sts.
4128	Lee, Edwin M.	.....	Grain and Stock Broker	Mitchell Building.
273	Lehmer, James D.	.....	Real Estate and Note Brokers	29 E. Third st.
3844	Lehman, Samuel	.....	Commission	44 Walnut st.
4075	Leindecker, Julius C.	.....	Foreign Fruits and Fancy Groceries	100 & 102 E. Front st.
4088	Lemon, William M.	.....	Grain Commission	12 Chamber of Commerce Bldg.
3760	Leopold, Frederick B.	.....	Whisky	223 E. Third st.
1537	Lepper, Adam	.....	Distillers and Redistillers	P. O. Box 517, City.
1970	Lett, Allen W.	.....	Distillers and Liquor Dealers	529 & 531 Walnut st.
2234	Leverone, John	.....	Attorneys at Law	137 Sycamore st.
3967	Levi, Edwin J.	.....	County Auditor—Court House	137 Sycamore st.
3765	Levi, Jacob C.	.....	China, Glass and Crockery	18-19-20 Chamber of Comm. Bldg.
748	Levi, Louis S.	.....	Leat Tobacco	P. O. Box 553, City.
1715	Levi, Sol. W.	.....	Agent	216 & 218 E. Third st.
432	Levy, Albert	.....	.....	20 W. Front st.
2461	Levy, Harry M.	.....	.....	Sixth and Harriet sts.
431	Levy, James	.....	.....	.....
2871	Levy, Lipman	.....	.....	.....
393	Lewis, Eugene L.	.....	.....	.....
3998	Lewis, Thomas M.	.....	.....	.....
1809	Lewis, W. H.	.....	.....	.....
685	*Linck, Frank	.....	.....	.....
3924	Lindsay, John D.	.....	.....	.....

305	Lippelmann, H. H.	with Joseph Good & Son	Clerk	Glendale, O. Sixth st. and C. H. & D. R. R. Room 4, Temple Bar. 317-321 Sycamore st.
3771	Lippert, Joseph J.	The Live Oak Distillery Co.	Liquors	501 Johnston Building.
3180	Lippincott, W. J.		Attorney at Law	
4115	Lissenden, Thomas L.		Wholesale Butchers.	S. W. cor. John and Livingston.
1775	List, Charles D.		Wholesale Butchers.	S. W. cor. John and Livingston.
2715	Lloyd, H. P.			N. W. cor. John and Livingston.
3669	*Lodge, Walter C.		Distillers and Redistillers.	N. W. cor. John and Livingston 529 & 531 Walnut st. New Orleans, La.
565	Loewenstein, August.	A. Loewenstein's Sons.	General Agent	205 Johnston Building. 2147-2151 Kindel ave.
566	Loewenstein, Daniel.	A. Loewenstein's Sons.	Smoked Fish and Provisions.	Cincinnati Union Stock Yards.
567	Loewenstein, Emanuel.	A. Loewenstein's Sons.	Live Stock Commission.	Cincinnati Union Stock Yards.
564	Loewenstein, Henry.	Cincinnati Abattoir Co.	Grain Commission.	121 E. Water st. 121 E. Water st.
563	Loewenstein, Herman.	Cincinnati Abattoir Co.	Grain Commission.	311 Vine st.
1127	Loewenstein, Max.	Hirsch, Loewenstein & Levi	Coal and Coke.	12 E. Third st.
3661	Loewenstein, M. H.	New Orleans Abattoir Co.	Capitalist.	N. E. cor. Pearl and Race sts. 105-109 E. Pearl st.
3801	Logan, Charles E.	Connecticut Mutual Life Ins. Co.	President.	Harrison ave.
3683	Lohrer, Jacob.		Coal.	Foot of Mill st. Pittsburgh, Pa.
1983	Loper, Simon.	Long & West.		
1261	Loper, Albert.	Greene, Embury & Co.		
618	Loudon, James A.	Loudon & Co.		
3806	Loudon, James A., Jr.	Loudon & Co.		
2045	Lovell, J. B.	Greenwood Railway and Coal Co.		
846	Lovett, Thomas D.			
2814	Lowman, James.	Standard Oil Co.		
951	Lowry, Samuel.	Herancourt Brewing Co.		
1002	Lutterbey, Rudolph.	Queen City Coal Co.		
2771	Lynn, M. E.	George Lysie & Sons.		
412	Lysie, Addison.			
2996	McAlpin, William.	The George W. McAlpin Co.	Wholesale and Retail Dry Goods.	13-17 W. Fourth st.
1929	McCabe, John P.	with Early & Daniel	Hay and Grain.	N. W. cor. Sixth and Harriet sts.
3025	McCallister, William.	P. C. C. & St. L. R. R. Co.	Agent.	Front and Butler sts.
1783	McComas, Richard T., Jr.	with City and Suburban Tel. Ass'n.	Chief Clerk	Telephone Building. 12 E. Third st.
3735	McCord, James W.		Insurance	63 Pike Building. Cincinnati, O.
3405	McCormick, Andrew W.	A. W. McCormick & Sons	Attorneys at Law.	
1985	McCrea, Charles T.		Provision Agent.	
494	McCullough, Albert.	J. M. McCullough's Sons.	Agricultural Implements and Seeds.	316 & 318 Walnut st.
3977	McCullough, Harrie B.	J. M. McCullough's Sons.	Salesman.	316 & 318 Walnut st.
495	McCullough, J. Charles.	J. Charles McCullough.	Seed Commission.	N. E. cor. Second and Walnut. 105-109 E. Pearl st.
218	McDonald, Alex.	Standard Oil Co.	President	
1718	*McDonald, Marshall.	Hornet Coal Co.	Coal	Pittsburgh, Pa.
3861	McDonald, Marshall H.		Attorney at Law	First National Bank Building. 617 Vine st.
3726	McDougall, Thomas.		Business Manager	388 W. Ninth st. Cumminsville, City.
406	McDowell, J. J.	Cincinnati Enquirer.		
772	McFarlan, James		Real Estate and Insurance.	
1940	McGary, William M.			

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
3729	McGowan, John H.	The John H. McGowan Co.	Pumping Machinery.	58 Central ave.
2141	McHugh, James T.	Clifton Springs Distilling Co.	Secretary.	Cumminsville, City.
1371	McIlvain, Thomas.	McIlvain & Spiegel Boiler & Tank Co.	President.	S. W. cor. Pearl and Lawrence.
3750	McIntyre, M. B.	The Snow-Church Co.	Law and Collection Agency.	Hammond Building.
3338	McKain, James.		Gauger Oils, Liquors, etc.	22 E. Second st.
327	McKeehan, James.			Neave Building.
562	McKeehan, Samuel.			51 Chamber of Commerce Bldg.
3221	McKenzie, Stephen M.	J. N. Harris & Co. (Limited).	Proprietary Medicines.	333 Sycamore st.
3549	McKinley, William H.	McKinley Coal Co.	Coal.	Pittsburgh, Pa.
3332	McLaughlin, S. T.	Continental Fast Freight Line.	General Manager.	S. E. cor. Fourth and Vine sts.
409	McLean, John R.	Cincinnati Enquirer.	Proprietor and Publisher.	617 Vine st.
1478	McLeod, A. H.	C. H. & D. R. R. Co.	General Freight Agent.	Carew Building.
3591	McLeod, Albert D.	C. H. & D. R. R. Co.	Assistant General Freight Agent.	120 & 122 Sycamore st.
689	McNamara, T. E.	with W. W. Johnson & Co.	Commission, Whisky.	11 Chamber of Commerce Bldg.
3313	McQuillan, William R.	Maguire & Co.	Grain Commission.	211-221 Longworth st.
....	McRae, Milton A., <i>Manager</i>	The Post Publishing Co.		
330	Macbrair, W. C.	Macbrair Lithographing Co.	Vice-President and General Manager.	S. E. cor. Fifth and Sycamore sts.
4099	Macdonald, Alfred J.	with Donald Macdonald.	Coal and Coke.	805 & 806 Neave Building.
3327	Macdonald, Donald.		Coal and Coke.	805 & 806 Neave Building.
3639	Macdonald, John M.	with The Procter & Gamble Co.	Clerk.	United Bank Building.
877	Mack, E. J.	Elias Block & Sons	Distillers.	130-134 Sycamore st.
624	Mack, Isaac H.			
625	Mack, Marc H.	Mack, Stadler & Co.	Wholesale Clothing.	Room E, Mitchell Building.
2864	Mack, M. J.		Life Insurance.	United Bank Building.
4053	Mackey, John.	Mackey Towboat Line.	Sullage and Towboating.	Foot of Baymiller st.
3085	Maddux, Harry H.		Public Weigher.	Front and Baymiller sts.
1176	Maescher, J. V.	Maescher & Co.	Pork and Beef Packers.	1754 & 1756 Central ave.
3086	Maescher, Louis J.	Maescher & Co.	Pork and Beef Packers.	1754 & 1756 Central ave.
1177	Maescher, William.			Cedar Point, Hamilton Co., O.
....	Magill, H. M., <i>Agent</i>	Phoenix Insurance Co.		S. W. cor. Race and George sts.
186	Maguire, Charles S.	Maguire & Co.	Grain Commission.	11 Chamber of Commerce Bldg.
3366	Maher, James J.	Erle Despatch.	Contracting Agent.	11 W. Fourth st.
2335	Mahoney, James.		Wholesale and Retail Grocer.	232 Broadway.
3869	Mallon, Guy W.	Mallon, Coffey & Mallon.	Attorneys at Law.	146 E. Fourth st.
3159	Manns, Louis.	The Manns Bros. Boot and Shoe Co.	President.	23 W. Pearl st.
3667	Mappes, William P.	Ricke & Mappes.	Produce Commission.	8 & 10 W. Court st.
2030	Marblestone, Manuel.		Contractor and Builder.	84 W. Pearl st.
3644	Marcus, M.	with Board of Administration.	Purchasing Agent.	1513-1521 Plum st.
4009	Marfield, Elliott.	Marienthal & McCabe.	Hides and Wool.	City Hall.
3336	Marienthal, Moses.		Business Manager.	517-523 Poplar st.
14	Markbreit, Leopold.	Cincinnati Volksblatt.		637 Vine st.

812	Marmet, Otto.....	Coal and Coke.....	19 Clark st.
3808	Marmet, William.....	Coal and Coke.....	S. W. cor. Central av. and Water.
3887	Martin, Robert A.....	Salesman.....	Front and Vine sts.
3498	Marty, L. K.....	Capitalist.....	205 Johnston Building.
3895	Mather, Henry R.....	Coal and Coke.....	201 & 202 Neave Building.
2572	Mathers, Hiram S.....	Real Estate.....	18 E. Fourth st.
3065	Mathews, George.....	Secretary.....	51-57 Longworth st.
4082	Mattan, John.....	Queen City Harbor Co.....	Foot of Niagara st.
3989	Mattox, John W.....	Groceries, Grain, etc.....	Cynthiana, Ky.
956	Mauck, Eli R.....	Steamboat Agents.....	206 Public Landing.
289	Maxwell, Marcellus J.....	Statistician.....	Urbana, O.
28	Maxwell, Sidney D.....	Bankers.....	Neff ave. and Isabella st.
3196	May, Sol.....	Wholesale Liquors.....	United Bank Building.
3848	Mayer, Charles.....	Wholesale Clothing.....	S. W. cor. Third and Walnut sts.
2536	Mayer, Emil M.....	Wholesale Clothing.....	23 E. Pearl st.
2843	Mayer, Theodore.....	Real Estate and Loan Broker.....	N. E. cor. Third and Vine sts.
4089	Mayer, Theodore.....	Iron.....	N. E. cor. Third and Vine sts.
4132	Meacham, D. B.....	Railway Ticket Broker.....	102 E. Third st.
3251	Meader, H. C.....	Distillers.....	Carew Building.
3436	Megibben, James W.....	Brokers.....	42 E. Fourth st.
40	Megibben, Joseph R.....	Lumber.....	Cynthiana, Ky.
3510	Mehlhopf, J. F.....	Cotton Factors and Commission.....	40 Wall st., New York City.
3532	Mehmert, Frederick.....	Manfrs. Brushes and Wire Goods.....	S. W. cor. Second and Walnut.
3257	Meier, Henry William.....	President.....	905 Vine st.
268	Mellen, W. S.....	Manufacturers of Bags.....	McMicken ave., opp. Race st.
3921	Melish, William B.....	Pork and Beef Packers.....	11 W. Second st.
2500	Menderson, Jacob.....	Insurance.....	429 Walnut st.
3390	Mente, Eugene W.....	Pork and Beef Packers.....	226 E. Fourth st.
4007	Meyer, Clarence B.....	Real Estate Brokers.....	49 Vine st.
3589	Meyer, D. B.....	Jeweler.....	S. E. cor. Central av. and Linn st.
66	Meyer, H. H.....	Wines and Liquors.....	S. E. cor. Central av. and Linn st.
347	Meyers, George F.....	Wines and Liquors.....	304 Walnut st.
2239	Nichie, William.....	Journalist.....	212 W. Fourth st.
3285	Nihalovitch, B.....	President.....	514-518 E. Pearl st.
3218	Nihalovitch, Morris.....	Manufacturer Vinegar, Pickles, etc.....	514-518 E. Pearl st.
3653	Millar, Cons. D.....	Capitalist.....	421 W. Eighth st.
3126	Miller, Frank H.....	Treasurer.....	115-119 E. Seventh st.
3249	Miller, Frederick.....	Clerk.....	1272-1276 Harrison ave.
1143	Miller, Griffin T.....	Oils and Car Grease.....	S. W. cor. Third and Walnut sts.
4027	Miller, Howard S.....	General Agent.....	115-119 E. Seventh st.
3392	Miller, John H.....	Distiller and Real Estate Dealer.....	503 & 504 Johnston Building.
944	Miller, Jos. W.....		Queen City Club.
869	Miller, R. T., Vice-President.....		503 & 504 Johnston Building.
2490	Millikin, P. M.....		10 Pike Building.
517	Mills, Charles L.....		132 E. Fourth st.

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
4061	Minges, H., Jr.	H. Minges Flour and Feed Co.	Flour and Feed.	Newport, Ky.
779	Minor, James R.	Minor & Dixon.	Wholesale Grocers.	212 & 214 Vine st.
1170	Mitchell, Albert H., <i>Treasurer.</i>	The Robt. Mitchell Furniture Co.		17-23 W. Fourth st.
873	Mitchell, Pierson R.	The P. R. Mitchell Co.	Wool, Curled Hair, etc.	122 & 124 W. Pearl st.
1169	Mitchell, Robt., <i>President.</i>	The Robt. Mitchell Furniture Co.		17-23 W. Fourth st.
2911	Moch, Elias	Moch, Berman & Co.	Capitalist.	31 W. Third st.
2912	Moch, Moses E.		Wholesale Clothiers.	31 W. Third st.
3638	Moerkedick, Louis	The Christian Moerlein Brewing Co.	Feed Store.	Harrison av and B. & O. S. W. R. R.
885	Moerlein, Christian, <i>President.</i>			2019 & 2021 Elm st.
1689	Moerlein, George	Huntington & St. Louis Towboat Co.	General Manager.	Foot of Race st.
1270	Montgomery, Alex.	A. Montgomery & Co.	Coal.	Covington, Ky.
3434	Montgomery, George H.		Provision Broker.	51 Chamber of Commerce Bldg.
1290	Montgomery, Robert	with W. E. Hutton & Co.	Note, Stock and Bond Brokers.	9-15 E. Third st.
518	Montgomery, William	American Oak Leather Co.	Manufacturers of Leather.	338 Main st.
613	Mooney, James E., <i>President.</i>	Moore & Garner.	Flour, Grain and Mill Feed.	15 Chamber of Commerce Bldg.
2976	Moore, Edward D.	Moore, Warren & Co.	Cotton.	136 W. Second st.
2674	Moore, Edward E.		Caterer.	108 W. Sixth st.
4077	Moore, Lewis W.	Moores Lime Co.	Lime, Cement, Sewer Pipe, etc.	933 W. Fifth st.
4018	Moore, Fenton Lawson.		Attorney at Law.	N. E. cor. Fifth and Main sts.
3500	Moormann, Frank J.	Grote-Greunstreet Chemical Co.	Manufacturing Chemists.	34 Main st.
4129	Moormann, Robert A.		Agent.	9 Commercial-Gazette Building.
1035	Morehead, H. B.	Advance Coal Co.		Pittsburgh, Pa.
2621	Moren, John	White Line Central Transit Co.		N. W. cor. Fourth and Vine sts.
3643	Morrill, William S.	Belmont Coal Co.	Agent.	510 Neave Building.
1065	Morris, Henry B.	James Morrison & Co.	Pork Packers.	Bank and Riddle sts.
4138	Morrison, George O.	with James Morrison & Co.	Superintendent.	Bank and Riddle sts.
114	Morrison, James K.	James Morrison & Co.	Pork Packers.	Bank and Riddle sts.
3907	Morrison, John C.	with James Morrison & Co.	Clerk.	Bank and Riddle sts.
113	Morrison, Thomas	Arcadian Process Co.		Station A, City.
3916	Morrison, Thomas H.	New York, Lake Erie & Western R. R.	General Agent.	11 W. Fourth st.
2454	Morrison, William P.	with Cincinnati Price Current.	Contractors and Builders.	Brandon Building.
3534	Morse, Charles P.	Morton & Johns.	Clerk.	413 E. Second st.
4072	Morten, Joseph D.	with R. A. Dykins & Co.	Broker.	919 & 921 W. Fifth st.
4119	Morton, Daniel W.	Mosler Safe Co.	Vice-President.	11 Chamber of Commerce Bldg.
514	Morton, Edwin.	Mosler Safe Co.	President.	208-214 Elm st.
2891	Morton, William R.	George Zeller Provision Co.	Secretary.	208-214 Elm st.
1813	Mosler, Max.		Coal.	1705 Logan st.
2849	Mosler, Moses.	Lutterbey & Muhlhauser	Maltsters.	Lockland, O.
2351	Mosler, William.	Windisch-Muhlhauser Brewing Co.	Superintendent.	1167 & 1169 Harrison ave.
3824	Mueller, Fred			Plum and Liberty sts.
1862	Mueller, John.			
1003	Muhlhauser, Christian.			
3175	Muhlhauser, Edward C.			



1344	Muhlhauser, Gottlieb.....	Windisch-Muhlhauser Brewing Co.	President.....	Plum and Liberty sts.
1345	Muhlhauser, Henry.....	Windisch-Muhlhauser Brewing Co.	Vice-President.....	Plum and Liberty sts.
2941	Muhlhauser, Henry, Jr.....	Windisch-Muhlhauser Brewing Co.	Treasurer.....	Plum and Liberty sts.
54	Mullane, A. J.....	Nash, Chat. & St. Louis Ry. Co.	General Agent.....	United Bank Building.
3711	Mullaney, Daniel J.....	Mulvihill & Rohan.....	Counmission, Produce.....	41 E. Fourth st.
4111	Mulvihill, John C.....	Allen & Munson.....	Undertaker.....	38 Walnut st.
3898	Munson, George F.....	J. G. Murdock & Co.....	Commission, Flour and Grain.....	S. E. cor. Sycamore and New sts.
283	Murdock, John G.....	Editor Cincinnati Price Current.....	Plumbers.....	17 Chamber of Commerce Bldg.
3123	Murphy, John P.....	Empire Line.....	Attorney at Law.....	430 Plum st.
2147	Murray, Charles B.....	C. C. C. & St. L. Ry. Co.....	Supt. Chamber of Commerce.....	S. E. cor. Fifth and Walnut sts.
121	Murray, James A.....	Charles F. Muth & Son.....	Agent.....	Brandon Bldg. & Cham. of Com.
4076	Murray, Oscar G., <i>Frz. Traffic Mgr.</i>	Charles F. Muth & Son.....	Baker.....	N. W. cor. Fourth and Vine sts.
2750	Muth, Aug. E.....	Mackey Towboat Line.....	Dealers in Honey.....	Big Four Office Building.
2956	Muth, August J.....	.....	Dealers in Honey.....	411-415 Richmond st.
3706	Muth, Charles F.....	.....	Attorney at Law.....	Freeman and Central aves.
2827	Myers, Harvey.....	.....	Towboating.....	Freeman and Central aves.
3550	Myers, William S.....	.....	.....	Covington, Ky.
		.....	.....	Foot of Baymiller st.
3783	Nadaud, C. E.....	.....	Flour, Grain and Mill Feed.....	52 Walnut st.
1154	Nagel, Henry.....	.....	Flour and Feed Mill.....	82 McLean ave.
3272	Nathan, Jacob.....	.....	Capitalist.....	367 W. Fourth st.
3858	Neal, Joseph M.....	.....	Insurance.....	Portland, Ind.
3642	Neare, Clarence J.....	Geo. W. Neare & Co.....	Insurance.....	N. E. cor. Front and Main sts.
4131	Neare, G. D.....	Geo. W. Neare & Co.....	Insurance.....	N. E. cor. Front and Main sts.
2858	Neff, Clifford Gordon.....	Neff, Wasson & Co.....	Commercial Agent.....	123 E. Third st.
3932	Neff, Sam C.....	Richmond & Danville R. R.....	Pumping Machinery.....	S. W. cor. Fourth and Vine sts.
3730	Neil, John W.....	The John H. McGowan Co.....	Wholesale Confectioners.....	58 Central ave.
2435	Newton, George G.....	Reinhart & Newton.....	.....	8-10 W. Second st.
2545	Nicolay, Henry.....	.....	.....	645 Elm st.
3879	*Nixon, Robert M.....	with R. G. Dun & Co.....	Assistant Manager.....	N. W. cor. Third and Vine sts.
3456	Nixon, Willard D.....	Nordmeyer & Berding.....	Flour, Grain and Mill Feed.....	708 Washington st., Cov., Ky.
1131	Nordmeyer, Andrew.....	A. G. Norman & Co.....	Produce Commission.....	40 Walnut st.
3992	Norman, Andrew G.....	Simmons & Norris.....	Produce Commission.....	21 Walnut st.
3999	Norris, Charles R.....	Nowlin & Co.....	Hay and Grain.....	Lawrenceburg, Ind.
3562	Nowlin, Lewis M.....	.....	.....	21 Atlas Bank Building.
3606	Noyes, Joseph C.....	.....	.....	.....
		.....	Wholesale Clothing.....	N. E. cor. Third and Vine sts.
2457	*Odiorne, Thomas G.....	Mayer, Scheuer, Offner & Co.....	Coal.....	Pittsburgh, Pa.
3189	Offner, Alexander.....	O'Neil & Co.....	Coal.....	Pittsburgh, Pa.
3104	*Olanstead, H. B., <i>Cashier</i>	W. W. O'Neil Coal Co.....	Provision Inspector.....	C, Chamber of Commerce.
3529	O'Neil, W. D.....	.....	.....	.....
3535	O'Neil, William W.....	.....	.....	.....
3106	O'Neil, James.....	.....	.....	.....

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
611	Osborn, E. F.	C. C. C. & St. L. Ry. Co.	Secretary.	Big Four Office Building.
2711	Osborn, S. J., Jr.	James Walsh & Co.	Distillers.	3 Pike Building.
3368	O'Shaughnessy, P.	Oakamp, Henry.	Real Estate.	S. E. cor. Race and Longworth.
3919	Oskamp, William S. P.	Oakamp, Notling & Co.	Jewelers.	S. W. cor. Fifth and Vine sts.
3277	Osterfeld, August.	Bellevue Brewing Co.	President.	601-615 W. McMicken ave.
3698	Osterholt, John L.	The Ruttle-Schlickman Packing Co.	Pork and Beef Packers.	Covington, Ky.
1888	Owen, B. M.	Owen & Sons.	Bakers and Confectioners.	344 W. Court st.
3933	Page, C. E.	Western Union Telegraph Co.	Manager.	N. W. cor. Fourth and Vine sts.
440	Palmer, G. G.	The House & Palmer Co.	Millers.	Lockland, O.
4069	Palmer, Lyburn T.	The Palmer Milling Co.	Secretary and Treasurer.	Middletown, O.
1484	Pape, A. H.	Chesapeake & Ohio Railway Co.	Soliciting Freight Agent.	S. W. cor. Fifth and Walnut sts.
1955	Parker, E. W.	E. W. Parker & Co.	Coal Dealers.	224 Public Landing.
836	Parker, James D.	{ Cincinnati Ice Manufacturing }		United Bank Building.
1673	Parker, Luther.	and Cold Storage Co.		417 E. Court st.
1956	Parker, Nathan.	E. W. Parker & Co.	Coal Dealers.	224 Public Landing.
4107	Partridge, William T.	Patterson & Evans.	General Commission.	52 Vine st.
45	Patterson, H. B.	Marion County Distillery Co.	Coal.	Dayton, O.
3502	Patterson, S. J.	Union Central Life Insurance Co.	President.	Louisville, Ky.
3514	Patterson, William, Jr.	with S. F. Dana & Co.	President.	902 Neave Building.
508	Pattison, E. M.	with James Morrison & Co.	Coal.	S. E. cor. Fourth and Central av.
2433	Patzold, John M.	Paxton, W. O.	Bookkeeper.	Newport, Ky.
3941	Patzold, Charles A.	West Shore Fast Freight Line.	Attorneys at Law.	Bank and Riddle sts.
115	Paul, John W.	B. & O. Southwestern R. R.	General Agent.	United Bank Building.
3137	Paxton, Thomas B.	Henry Pearce's Sons.	Stock and Grain Dealer.	N. W. cor. Fourth and Vine sts.
4028	Paxton, W. O.	Henry Pearce's Sons.	Vice-President and General Manager.	Camden, O.
3833	Payne, Henry H.	Peck & Williamson Heat & Vent. Co.	Manfrs. Cotton Yarn, Twine, etc.	Central Union Station.
1548	Peabody, W. W.	Peck & Shaffer.	Manfrs. Cotton Yarn, Twine, etc.	108 & 110 W. Second st.
1069	Pearce, Thomas C.	Peck, Hiram D.	Manfrs. Cotton Yarn, Twine, etc.	108 & 110 W. Second st.
1663	Pearce, Henry, Jr.	Peck, Hiram Harper.	President.	City.
2926	Pearlee, John B.	Peck, Hiram Harper.	Attorneys at Law.	313-317 W. Fifth st.
3927	Peck, George.	Peck, Hiram Harper.	President.	Atlas Bank Building.
3460	Peck, Hiram D.	Peck, Hiram Harper.	Grocers and Wine Merchants.	Covington, Ky.
583	Peck, Hiram Harper.	Peck, Hiram Harper.	Grocers and Wine Merchants.	15-21 E. Fourth st.
2624	Peebles, Joseph S.	Grove J. Penney & Co.	Commission and Grain Dealers.	48 Mitchell Building.
153	Penney, Grove J.	The U. S. Bung Manufacturing Co.	General Manager.	649-655 Evans st.
3433	Pentlidge, Frederick	Lyman Perin & Sons.	Flour.	Perin Building.
1043	Perin, Frank L.	Lyman Perin & Sons.	Flour.	46 Walnut st.
2578	Perin, Lyman.	Lyman Perin & Sons.	Flour.	46 Walnut st.
3064	Perin, Lyman, Jr.	Lyman Perin & Sons.	Flour.	46 Walnut st.

1918	Perin, Oliver L.	Consolidated Distilling Co.	Superintendent.	1509-1511 W. Sixth st.
3923	Petkins, William T.	John J. Perkins & Co.	Grocers	41 & 43 Vine st.
1413	Peters, Ralph, <i>Superintendent.</i>	P. C. C. & St. L. Ry. Co.	President.	L. M. R. R. Depot.
3565	Pettibone, James	Pettibone Bros. Manufacturing Co.	Superintendent.	628-632 Main st.
1922	Phester, Frederick	Butchers Hide Association.	Groceries and Flour.	508-514 Poplar st.
1001	Phister, Chambers	C. G. Phister	Farming.	413 E. Pearl st.
3860	Pickelheimer, Moses	Ruttle-Schlickman Packing Co.	President.	Constance, Ky.
3976	Pieper, Fred.	Jason Evans Estate	Agent.	Covington, Ky.
727	Pine, William	The H. & S. Pogue Co.	Pig Iron Commission.	4 Temple Bar.
3714	Pluemer, Adolph	Pogue, Pottinger & Pogue.	Dry Goods.	3 Chamber of Commerce Bldg.
3596	Pogue, Henry	National Insurance Co.	Attorneys at Law.	20-28 W. Fourth st.
3538	Pohlnan, John F.	Poland & Boyle	President.	United Bank Building.
2981	Pohlman, G. W.	Block-Pollak Iron Co.	Electric Appliances.	21 E. Third st.
3088	Poland, Lawrence	The Mt. Carbon Co. (Limited).	Real Estate.	118 W. Second st.
3831	Poland, William B.	W. G. Pratt Commission Co.	Iron and Metals.	131 E. Fourth st.
2567	Pollak, Emil	Strauss, Pritz & Co.	Coal and Coke	17 Sinton Building.
3847	Powell, Evan	Elsas & Fritz.	Cooperage and Coopers' Stuff.	Powellton, W. Va.
4108	Pratt, Benjamin F.	with Strauss, Pritz & Co.	Distillers and Liquor Dealers.	40 E. Court st.
760	Pritz, Benjamin	Strauss, Pritz & Co.	Hops and Barley	52 & 54 Main st.
3662	Pritz, Samuel	The Procter & Gamble Co.	Distillers and Liquor Dealers.	214 & 216 E. Court st.
3670	Pritz, Sidney E.	The Procter & Gamble Co.	Soap, Candles and Oils.	52 & 54 Main st.
759	Pritz, Solomon W.	A. H. Pugh Printing Co.	Soap, Candles and Oils.	52 & 54 Main st.
528	Procter, William A.	Herring-Hall-Marvin Co.	United Bank Building.	United Bank Building.
2488	Procter, William Cooper	Putnam, Hooker & Co.	Printers and Blank Book Mfrs.	United Bank Building.
1637	Pugh, A. H.	J. B. Hammer & Co.	Attorney at Law.	310 Walnut st.
3252	Pullen, Richard B., Jr.		Manufacturers of Safes (Secretary).	Pullan ave., City.
769	Pullen, Richard T.		Dry Goods, Commission	225 W. Pearl st.
259	Putnam, B. W.			18 & 18 E. Second st.
3915	Quinn, Richard		Produce Commission	125 E. Front st.
3898	Rabenstein, George		Grits, Hominy and Feed Mills.	Harrison av. and B. & O. S. W. R. R.
482	Ramp, Samuel W.		Flour, Feed and Grain.	Pike Building.
3993	Ramsay, W. J.	W. J. Ramsay & Co.	President.	708 Madison av., Covington, Ky.
1995	Rankin, Charles F.	Piqua Malt Co.	Gas Works Builders.	Piqua, O.
2658	Ranshaw, Henry	The Stacey Manufacturing Co.	Commission, Produce.	239 Mill st.
4022	Ransick, Edward	Henry Ransick & Sons.	Insurance.	242 W. Sixth st.
2938	Rauh, Frederick	Frederick Rauh & Co.	Pork Packers.	115 E. Third st.
3276	Rauh, Louis L.	Frederick Rauh & Co.	Pork Packers.	115 E. Third st.
2248	Raum, John	John Raum & Co.	Pork Packers.	306 & 308 E. Pearl st.
869	Rawson, Edward	J. Rawson & Sons.	Pork Packers.	916 Sycamore st.
1000	Rawson, Joseph, Jr.	J. Rawson & Sons.	Pork Packers.	916 Sycamore st.
1476	Rawson, Warren.	J. Rawson & Sons.	Pork Packers.	916 Sycamore st.
2937	Redway, A. J.			Mitchell Building.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
2752	Reece, M. M.	Lackawanna Fast Freight Line	Agent.	S. W. cor Fourth and Vine sts.
235	Regan, John.		Contractor	Box 174, Builders' Exchange.
2250	Reichel, Chris.	Chris. Reichel & Co.	Teamsters.	25-29 W. Water st.
215	Reis, Abraham.	The Bensinger Co.	Cigars.	S. E. cor. Pearl and Vine sts.
213	Reis, Julius.	with Seasingood & Mayer.	Bankers.	S. W. cor. Third and Walnut sts.
214	Reis, Samuel.		Cigars and Tobacco.	4 Bodman Building.
312	Reis, Isaac.		Cigar Manufacturer.	S. E. cor. Pearl and Vine sts.
3035	Rembold, C. H.	Cincinnati Times-Star Co.	Business Manager.	N. E. cor. Sixth and Walnut sts.
3526	Remmers, John H.	John H. Remmers & Co.	Pork and Beef Packers.	1456 & 1458 Harrison ave.
2524	Rettig, John.		Artist.	College Building.
1400	*Reynolds, Frank.			
3243	Reynolds, Robert R.	Stone Lake Ice Co.	President.	2116 Central ave.
1376	Rheinstrom, Abraham.	Rheinstrom Bros.	Wholesale Liquors.	Pearl and Martin sts.
1377	Rheinstrom, Isaac.	Rheinstrom Bros.	Wholesale Liquors.	Pearl and Martin sts.
3885	Rheinstrom, Sigumund.	Rheinstrom, Bettman, Johnson & Co.	Wholesale Liquors.	306-310 E. Ninth st.
3199	Rhinock, Joseph L.		Mayor's Office.	Covington, Ky.
203	Rhodes, J. H.		Grain.	3 Carlisle Building.
3087	Rice, Charles F.		President.	Pleasant Plain, Warren Co., O.
672	Richardson, J. C.	Haldeman Paper Co.	General Manager.	Lockland, O.
3528	Richey, Robert W.	Standard Oil Co.	Flour and Feed.	105-109 E. Pearl st.
861	Ricker, William.	Wm. Rieker & Co.	Coal (auger).	N. E. cor. Ninth and Broadway.
3971	Rigton, Harry.		General Passenger Agent.	N. W. cor. Front and Broadway.
4136	Rinearson, William C.	Cin. New Orleans & Texas Pacific Ry.		Odd Fellows Building.
201	Roach, P. E.		Scales, Trucks, etc.	275 W. Eighth st.
1665	Robb, J. M. D., <i>Manager</i> .	Fairbanks, Morse & Co.	Investments.	307 Walnut st.
4035	Roberts, J. Nevlin.	Roberts & Hall.	Iron and Steel.	44 E. Third st.
3839	Robertson, William F.	W. F. Robertson Steel and Iron Co.	Drugs.	7 & 8 Chamber of Commerce.
3882	Robinson, A. W.	Steamboat Drug Co.	Treasurer.	Front and Broadway.
3763	Robinson, Harold W.	Queen City Eureka Yeast Co.	Manufacturers of Machinery.	1317 Central ave.
3248	Robinson, James M.	J. M. Robinson & Co.	Superintendent, Yeast Department.	325-331 W. Second st.
3006	Robinson, Liston C.	with Fleischmann & Co.	Capitalist.	419 & 421 Plum st.
1814	Robson, Charles.	G. W. Robson, Jr. & Co.	Distillers.	40 Atlas Bank Building.
678	Robson, George W., Jr.	with Armour Packing Co.	Manager, Cincinnati Agency.	119 Sycamore st.
4086	Rockel, Charles.	Cincinnati Times-Star	Associate Editor.	33 & 35 Main st.
2890	Rodgers, William B.	Cincinnati Scale Manufacturing Co.	Manufacturer of Scales.	N. E. cor. Sixth and Walnut sts.
3524	Roe, George Mortimer.	Mulvihill & Rohan	Commission, Produce.	212 Walnut st.
4031	Rogers, William C.		Distiller.	38 Walnut st.
4112	Rohan, Andrew.	Romer Bros.	Produce Commission.	Germantown, O.
1408	Rohrer, David.	Whitcomb & Root.	Grain and Produce Commission.	20 W. Court st.
3869	Romer, Louis.	H. Rosenthal & Sons.	Wholesale Liquors.	23 Chamber of Commerce Bldg.
777	Root, George A.		Feed Store.	228 E. Second st.
3894	Rosenthal, Myer S.			Poplar st. and Western ave.
2753	Rotert, Henry.	H. Rotert & Co.		

3577	Rotert, Henry, Jr.	H. Rotert & Co.	Feed Store.	Poplar st. and Western ave.
2028	Roth, E. N.	The John C. Roth Packing Co.	St. Nicholas Hotel.	Fourth and Race sts.
65	Roth, John C.	The John C. Roth Packing Co.	Pork and Beef Packers.	1010 Gest st.
3569	Roth, Joseph L.	The John C. Roth Packing Co.	Pork and Beef Packers.	1010 Gest st.
3072	Rothier, Charles C.	C. C. Rothier & Co.	Fire Insurance.	141 E. Third st.
3114	Rothier, F. A.	Eureka Fire and Marine Ins. Co.	President.	121 E. Third st.
3736	Rothschild, Charles R.	C. R. Rothschild & Co.	Brokers.	N. W. cor. Fifth and Vine sts.
2949	Rover, August.	A. Rover & Co.	General Commission.	140 W. Court st.
2655	Rover, B. H.		Real Estate.	N. E. cor. Freeman av. and York
187	*Rover, George H.	Geo. H. Rover's Sons.	Grain Commission.	9 Chamber of Commerce Bldg.
3770	Rover, Harvey F.	Market National Bank.	Vice-President and Cashier.	N. W. cor. Fourth and Plum sts.
798	Kowe, Casper H.			601 W. Sixth st.
724	Koyse, Thomas S.	American Spirits Mfg. Co.	General Agent.	Peoria, Ill.
4140	Rubel, Isaac.	J. J. Rucker & Co.	General Merchandise.	Hebron, Ky.
3544	Rucker, John J.		Commission, Flour and Produce.	41 Walnut st.
1276	Ruehrwien, Charles.		Consulting Engineers.	Perin Building.
3136	Rugg, Joseph K.	J. K. Rugg & Co.	Agent.	Security Bldg., Chicago, Ill.
3471	Ruhrmann, Otto	{ De LaVergne Refrigerating Ma- chine Co., of New York }	Fire Insurance.	12 E. Third st.
490	Runk, Charles F.	Runk, Lahusen & Hunsheimer.	Pork Packers.	Hamilton, O.
2980	Rupp, George.	George Rupp & Co.	President and General Manager.	Fifth and Lock sts.
3265	Russell, A. O.	The United States Printing Co.	Division Passenger Agent.	Central Union Depot.
3991	Ryan, Charles B.	Chesapeake & Ohio Ry.	Pork and Beef Packers.	Spring Grove ave.
224	Ryan, Matthew.	Cincinnati Abattoir Co.	Pork and Beef Packers.	Spring Grove ave.
225	Ryan, Michael.	Cincinnati Abattoir Co.	Pork and Beef Packers.	Spring Grove ave.
227	Ryan, Richard.	Cincinnati Abattoir Co.	Pork and Beef Packers.	Spring Grove ave.
3496	*Ryan, William F.			
3723	Sachs, Morris.	Morris Sachs & Co.	Brokers, Stocks and Real Estate.	141 E. Fourth st.
1624	Sadtler, J. F.	J. F. Sadtler & Co.	Live Stock Brokers.	New York City.
753	Sadtler, L. L.	J. F. Sadtler & Co.	Live Stock Brokers.	Cincinnati Union Stock Yards.
2253	Sampson, William S., Jr.			P. O. Box 289, City.
1070	Sander, Adolph.	A. Sander Packing Co.	Pork and Beef Packers.	1022 & 1024 Gest st.
3811	Sanders, William C.	The Old "76" Distilling Co.	Superintendent.	Newport, Ky.
818	Sandheger, Christ.		Wines and Liquors.	123-129 W. Court st.
3345	Sargent, Edward.			18 E. Third st.
2392	Sargent, S. A.	with J. Rawson & Son.	Live Stock Agent.	916 Sycamore st.
3296	Sayers, E. B.	Hartford Life Insurance Co.	General Agent.	11 Chamber of Commerce Bldg.
2155	Saylor, Nelson.	Saylor & Saylor.	Attorneys at Law.	40 E. Third st.
323	Scarlett, Joseph A.	R. G. Dun & Co.	Mercantile Agency.	N. W. cor. Third and Vine sts.
4134	Schapker, Bernard.	with Armour & Co., Chicago.	Provision Broker.	125 E. Second st.
4098	Schatzman, Charles H.	Cincinnati & Toledo Fast Frt. Line.	Agent.	4 E. Fourth st.
3364	Scheibly, John B.	McLvain & Spiegel Boiler & Tank Co.	Secretary.	S. W. cor. Pearl and Lawrence.
3061	Schenk, Eduard.		Assistant U. S. Engineer.	Government Building.
1036	Schepers, William.		Commission.	1137 W. Sixth st.

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
2158	Scheuer, Jacob	Mayer, Scheuer, Offner & Co.	Wholesale Clothing.	N. E. cor. Third and Vine sts.
2906	Schickner, William G.	Grossman, Schleutner & Co.	Druggist	11th and Greenup sts., Cov., Ky.
3863	Schleutner, John F.		Manfrs. Harness and Saddlery.	219 & 221 Main st.
1444	*Schlosser, Henry	Union Savings Bank and Trust Co.	President.	Vine & Burnet (Cham. of Com.)
3879	Schmidt, J. G.	Cincinnati Butchers Supply Co.	Treasurer	1964 & 1966 Central ave.
716	Schmidt, Charles W.	The Sam. W. Weidler Co.	Brewers	642-646 Carr st.
1785	Schmidt, Frederick A.	Schmidt & Bro.	Real Estate and Loans	125-131 E. McMicken ave.
288	Schmidt, William, Jr.	Schmidt & Weber	Real Estate Brokers.	114 E. Fourth st.
2987	Schmitt, Anthony	A. Schmitt & Co.	Flour and Commission	833 Main st.
548	Schmitt, Emile, <i>Vice-President</i>	The John Kauffman Brewing Co.	Millers and Bakers	850 W. Sixth st.
840	Schneider, George C.	John Schneider, Son & Co.	Secretaries and Treasurer	1622-1628 Vine st.
1849	Schneider, Peter W.	The Foss-Schneider Brewing Co.	Live Stock Buyer.	1422 & 1424 Walnut st.
3206	Schneider, Theodor	with Jacob Vogel & Son	Real Estate	943-951 Freeman ave.
4060	Schottenfels, Jacob	J. Schriewer & Co.	Flour, Grain and Mill Feed.	2904 Colerain ave.
3630	Schroetter, H. A.	Home Life Insurance Co.	Insurance	117 E. Third st.
3177	Schroth, Fred	J. & F. Schroth Packing Co.	Pork and Beef Packers.	Big Four Storage Warehouse.
3045	Schubert, William, Jr.	Louis C. Schuetze & Co.	Contractor and Builder	535 Madison av., Covington, Ky.
1009	Schuetze, Louis C.	The National Starch Mfg. Co.	Packers and Jobbers of Provisions.	11 & 13 Home st.
2330	Schuler, Frank	Schwallie Bros.	Real Estate Broker	1213-1217 W. Liberty st.
3482	Schulte, Henry J.	M. Werk & Co.	Produce Commission	118 & 120 E. Second st.
3963	Schwallie, Frederick		Soap and Candles.	833 Main st.
966	Schwartz, Michael	Albert Schwill & Co.	Fire Insurance	42 W. Court st.
4030	Schwartzkopf, Emil E.	F. A. Schwill & Son.	Bankers.	31 Main st.
697	Schwill, Albert	Seasongood & Mayer.	Malt and Brewers' Supplies	18-26 W. McMicken ave.
3739	Schwill, Albert, Jr.		Malt and Brewers' Supplies.	317 & 319 Main st.
1427	Schwill, F. A.		Fire Insurance	317 & 319 Main st.
1259	Sears, J. M.	Seasongood & Mayer.	Public Weigher	30 E. Third st.
899	Seasongood, Adolph J.		Commission	S. W. cor. Third and Walnut sts.
2005	Seasongood, Alfred		Whisky	9-15 E. Third st.
898	Seasongood, Lewis		Whisky	9-15 E. Third st.
.....	Serist, R. E.	James R. Haile & Co.	Superintendent	Foot of Lawrence st.
4017	Seeger, Charles W.	A. Senior & Son	Coal and Feed	58 Walnut st.
987	Senior, Edward	A. Senior & Son	Pork and Beef Packers	Mitchell Building.
3198	Senior, Max	Covington Harbor Co.	President.	Mitchell Building.
3908	Senna, David B.	W. H. Settle & Co.	Attorneys at Law	Covington, Ky.
3614	Settle, William H.	J. A. Severet & Co.	Attorney at Law	Madisonville, O.
881	Severet, John Albert	Sextro Furniture Co.		32 E. Front st.
3347	Sextro, Joseph G.	Peck & Shaffer		2126-2138 Osiris st.
2254	Shaffer, Frank H.			Atlas Bank Building.
3590	Shattuck, A. C.			313 & 314 Johnston Building.

3593	Shaw, George A.	Provision Agent.	27 Vine st.
1041	*Shaw, Samuel.	Vice-President and Manager.	Grand Hotel.
2765	Shears, D. C.	Whisky Brokers.	226 Main st.
3374	*Sherlock, Thomas	Whisky Brokers.	226 Main st.
3507	Shields, Joseph.	Wholesale and Retail Dry Goods.	S. W. cor. Fourth and Vine sts.
3185	Shields, William H.	Wholesale Grocers.	Race, Seventh and George sts.
3185	Shillito, John S., <i>Cont'g Agent</i>	Insurance	S. E. cor. Front and Vine sts.
780	Shillito, Stewart.	Coal	111 E. Third st.
1183	Shinkle, Bradford	Bankers and Brokers.	151 E. Second st., Covington, Ky.
4019	Shinkle, O. P.	Manufacturers of Clothing	27 E. Third st.
1907	Shinkle, Uriah.	Lumber, Mill Work, Coal	38 E. Third st.
3380	Shipley, Edward E.	Secretary and Treasurer	Cobourg, Ont.
4081	Shockley, Harry K.	Wholesale and Retail Grocer.	310 & 312 Vine st.
738	Shoenberger, W. H.	Coal Gauger.	Tennison and N. Richmond pk.
3461	Shohl, Charles W.	Feed Store.	Carew Building.
3872	Short, Charles W.	Wholesale Liquors	410 E. Pearl st.
500	Short, F. H.	President.	Front and Broadway.
1100	Short, George M.	Bankers and Brokers	N. W. cor. Front and Broadway.
4059	Shutterly, D. B.	Life Insurance.	98 Hunt st.
1467	Shutterly, W. S.	Life Insurance	223 & 225 Main st.
3314	Sicking, J. B.	Manfrs. of Galvanized Sheet Iron.	Cumminsville, City.
2840	Silverman, Joseph.	Canned Goods.	36 E. Third st.
4083	Silverson, Charles.	Live Stock Commission.	2 Pike Building.
636	Simon, Israel M.	Provisions, Flour and Grain.	2 Pike Building.
3334	Simpson, F. H.	Commission, Grain and Salt.	816 E. Pearl st.
1345	Simpson, Robert	Manufacturers of Fertilizers.	Court and Sycamore sts.
2578	Simpson, William T.	Coal	John and Livingston sts.
3308	Skinner, Robert T.	Secretary.	51 Walnut st.
3852	*Slattery, John A.	Manufacturing Confectioners.	42 Vine st.
2280	Slinier, George, Jr.	Carriage Builders.	613 Walnut st.
3712	Slusser, William A.	Manufacturing Confectioners.	John and Poplar sts.
4066	Small, Samuel H.	Whisky	Raymond City, W. Va.
3582	Smedberg, Charles G.	Coal	United Bank Building.
673	Smith, Albert E.	Whisky	16 Chamber of Commerce Bldg.
586	Smith, Amor, Jr.	Coal	208-210 Main st.
3183	Smith, Austin M.	Whisky	Sixth and Sycamore sts.
2429	Smith, Charles H.	Coal	208-210 Main st.
3379	Smith, Edwin F.	Whisky	344 W. Fourth st.
2821	Smith, Fred. A.	Coal	344 W. Fourth st.
3962	Smith, George F.	Attorney at Law	Walnut and Water sts.
3752	Smith, Harrison D.	Manufacturers of Fertilizers.	35 Wiggins Block.
367	Smith, Henry W.	Manufacturers of Fertilizers.	John and Poplar sts.
1199	Smith, Henry W., <i>Sec'y &amp; Treas.</i>		
1302	Smith, J. A. J.		
3928	Smith, J. H. Charles.		
535	Smith, Leander.		

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
2704	Smith, Robert J.	The Charles Brown Grocery Co.	Wholesale Grocers.	15 & 17 E. Second st.
2542	Smith, Robert L.	National Lead Co.	Comptroller.	S. W. cor. 7th and Freeman ave.
3877	Smith, Robert McF.		Pig Iron Commission.	11 Hammond Building.
3635	Smith, Thomas G.		Consult'g and Contract'g Engineer.	11 Hammond Building.
418	Smith, Thomas G., Jr.		Real Estate.	S. E. cor. Fifth and Walnut sts.
2026	Smith, William W.	W. W. Smith & Son.	Commission, Flour.	41 E. Fourth st.
3408	Sneathen, William B.	Smyrl & Hughes.	Coal.	206 Public Landing.
3208	Snowdon, C. L.	Snowdon, Gould & Co.	Miners and Shippers of Coal.	Brownsville, Pa.
701	Sohn, J. Edward	J. G. Sohn & Co.	Brewers.	250 W. McMicken ave.
700	Sohn, William S.	J. G. Sohn & Co.	Brewers.	250 W. McMicken ave.
1646	Sohngen, C. E.	Sohngen Malting Co.	Maltsters.	Hamilton, O.
3646	Sohngen, George P.	Sohngen Malting Co.	Secretary and Treasurer.	Hamilton, O.
1732	Sommers, S.		Broker.	Hexter's Hotel, City.
3584	Spence, Thomas R.	Spence Bros. Co.	Manufacturers of Tobacco.	312-322 Sycamore st.
3493	Spiegel, Frederick S.	Rode & Spiegel.	Attorneys at Law.	Atlas Bank Building.
1661	Spilman, James	James Spilman & Co.	Groceries and Commission.	Covington, Ky.
3333	Spivey, Thomas S.	Victor Safe and Lock Co.	President.	Ninth and Broadway.
2157	Sprague, E. T.		Shirt Manufacturer.	7 Wiggins Block.
2487	Sprinkle, S. M.		Grain.	Mason, O.
3616	Squibb, William P.	W. P. Squibb & Co.	Distillers.	Lawrenceburg, Ind.
2823	Stacey, William	The Stacey Manufacturing Co.	Gas Works Builders.	239 Mill st.
3446	Stanley, Ethan B.	with Standard Oil Co.	Manager, Lubricating Oil Dept.	105-109 E. Pearl st.
755	Stanley, Horace J.		City Engineer.	City Hall.
3944	Stanwood, James B.	Houston, Stanwood & Gamble.	Engine Builders.	Covington, Ky.
1153	Stanwood, Theodore.			
2861	Starr, Alonzo G.	Cincinnati Street Railway Co.	Purchasing Agent.	N. W. cor. Fifth and Walnut sts.
1248	Stearns, Edwin R.	The Stearns & Foster Co.	Manfrs. of Wadding and Bating.	114-120 E. Canal st.
3954	Steele, Frederic L.		Merchandise Broker.	112 E. Second st.
464	Steinau, A., Jr.			Woodburn ave., Walnut Hills.
819	Steinberg, Joel H.	Stephens, Lincoln & Smith.	Attorneys at Law.	Kemper Lane and Windsor st.
1797	Stephens, Charles H.	Estate of Wm. Stephenson.	Executor.	First National Bank Building.
3047	Stephenson, Arthur	The Cincinnati Daily Bulletin	Proprietor.	78 Longworth st.
2932	Stephenson, R. B.	Straus & Stern	Commission, Live Stock.	134 W. Third st.
736	Stern, Jacob	Member of Board of Administration.		Cincinnati Union Stock Yards.
2160	Sterritt, George T.		Capitalist.	City Hall.
20	Stettinius, John L.	Rouse, Stevens & Co.	Brokers, Stocks, Bonds, etc.	900 E. Third st.
129	Stevens, Edwin.	S. J. Stevens & Co.	Commission.	9-15 E. Third st.
2257	Stevens, S. J.	Stewart, Dunholter & Co.	Provisions, Flour and Grain.	37 Walnut st.
3238	Stewart, A. E.		Real Estate.	64 Mitchell Building.
3129	Stewart, Charles, Jr.	Winifrede Coal Co.	Manager.	Front st. and Freeman ave.
3859	Stewart, Elwood A.	The Bradford Mill Co.	Flour Mill Machinery.	Eighth and Evans sts.
1246	Stewart, Jacob R., President.			



1681	Stiles, Henry L.	H. L. Stiles & Co.	Fancy Groceries and Commission.	213 Walnut st.
1682	Stiles, Timothy M.	H. L. Stiles & Co.	Fancy Groceries and Commission.	213 Walnut st.
4032	Stinson, Albert M.	C. C. & St. L. Ry. Co.	Purchasing Agent.	Big Four Office Building.
857	Stinson, Earl W.	The Geo. W. McAlpin Co.	Wholesale and Retail Dry Goods.	13-17 W. Fourth st.
2069	Stix, Nathan.	Louis Stix & Co.	Dry Goods.	S. W. cor. Third and Race sts.
1748	Stone, George N., <i>Gen'l Manager.</i>	City and Suburban Telegraph Ass'n.	Telephone.	Telephone Building.
280	Stone, John E.	Stone & Hay.	Broker, Provisions and Oil.	C. Chamber of Commerce.
250	Stone, Thomas B.		Hardwood Lumber.	72 & 73 Mitchell Building.
2036	Storer, Bellamy		Attorney at Law.	Cincinnati, O.
2550	Story, George.	Straus & Stern.	Daily Market.	448 E. Pearl st.
735	Straus, Henry.		Commission, Live Stock.	Cincinnati Union Stock Yards.
3031	Straus, Henry.	F. Strauss & Co.	Importer of Cigars.	9 E. Fourth st.
1981	Strauss, Ferdinand.	with G. W. Robson, Jr. & Co.	Wholesale Liquors.	8 E. Second st.
504	Stricker, Charles F.	L. A. Strobel & Co.	Bookkeeper.	119 Sycamore st.
1949	Strobel, L. A.	The Strobridge Lithographing Co.	Picture Frames and Mouldings.	S. E. cor. Elm and Canal sts.
2886	Strobridge, Hines.	Hill & Strong.	President.	108-118 W. Canal st.
1200	Strong, Fred.		Lumber Dealers.	131 Hunt st.
1181	Stuart, Archibald.	with Dominick & Dickerman.	Electric Light.	Perin Building.
3878	Stueve, Samuel E. E.	D. H. Stuhr Grain Co.	Bankers and Brokers.	334 Walnut st.
3396	Stuhr, D. H.		Barley.	Davenport, Iowa.
1036	Sturn, Simon.	Sudlow, Boswell & Buckley.	Insurance Agent.	30 E. Third st.
3949	Sudlow, Charles A.	J. J. Sullivan & Co.	Life Insurance.	305 W. Fourth st.
1753	Sullivan, J. J.		Livery and Undertaking.	421 Central ave.
3571	Sullivan, John.	Harding & Swasey.	Real Estate.	129 E. Fourth st.
961	Sutphin, I. V.	Eagle White Lead Co.	Paper Stock.	935-939 W. Fifth st.
2166	Sutton, W. W.		Insurance Agents.	Millford, O.
4036	Swasey, John.		President.	139 E. Third st.
3727	Swift, John B.		Superintendent.	1020-1030 Broadway.
3547	Swift, Thomas T.			1020-1030 Broadway.
3869	Tabb, I. F.	Tabb & Gatewood.	Grain, Seed, Leaf Tobacco.	Mt. Sterling, Ky.
371	Taft, Charles P., <i>President.</i>	Cincinnati Times-Star Co.	Lumber Dealer.	N. W. cor. Sixth and Walnut sts.
2894	Taft, Samuel H.		General Agent.	1308 Central ave.
3572	Tallant, Alexander Q.	Chicago & Northwestern R. R.		35 Carew Building.
4012	Tanner, William J.	Chicago House Raising Co.	Secretary and Treasurer.	Court st., near McLean ave.
3548	Taylor, J. Gordon.	Eagle White Lead Co.	Commission, Cotton.	1020-1030 Broadway.
3878	Taylor, Walter Gove.	Taylor & Brother.	Manager.	1007 Neave Building.
51	Taylor, William W.	Rockwood Pottery	Distiller.	Mt. Adams, City.
512	Teepen, Herman.		Produce Commission.	246 State ave.
3986	Telker, Hermann.	Telker & Dunker.	Physician.	118 E. Court st.
4130	Tenney, W. A. R.	C. Jutte & Co.	Coal.	Mitchell Building.
3757	Theis, George W.	The Lane & Bodley Co.	Secretary and Treasurer.	Pittsburgh, Pa.
3349	Thompson, Charles F.		Distiller.	John and Water sts.
4050	Thompson, John B.		Pork Packers.	Harrodsburg, Ky.
149	Thompson, M. D.	M. D. Thompson & Co.		129 W. Front st.

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
741	Thoms, J. C.	Thoms & Breneman	Pork Packers	9-15 E. Third st.
10	*Thorne, W. F.	Christian Moerlein Brewing Co.	Accident Insurance	2019 & 2021 Elm st.
3250	Thorne, Justus	Thorne, Andrew J.	Real Estate	Neave Building.
3622	Thorppe, Andrew J.	Thurman, D. W.	Manufacturers of Clothing	400 Johnston Building.
2591	Thurman, Charles M.	Goldman, Thurnauer & Co.	Coal	124-128 W. Third st.
3665	Tobitt, James S.	Southern Ohio Loan and Trust Co.	Secretary	24 Pike Building.
3769	Todd, Mac S.	C. C. & St. L. Ry. Co.	Contracting Agent	1 & 2 Chamber of Commerce.
4105	Todd, Miles J.	Continental Line	Coal	Room 1, 411 Vine st.
3190	Told, Peter E.	H. Weber & Co.	General Agent	Vevay, Ind.
3540	Tomlinson, Charles W.	Carnegie, Phipps & Co. (Limited)	Provision Broker	S. E. cor. Fourth and Vine sts.
1565	Tompkins, Garretson	Commercial Insurance Co	Feed and Grain	916 Sycamore st.
1698	Topmoeller, Barney	Cincinnati Insurance Co	Iron and Steel (Agent)	Cumminsville, City.
3353	Totten, W. H. D., Jr.	Wm. E. Townley & Co.	Secretary	Neave Building.
2070	Townley, J. A., <i>President</i>	I. Trager & Co.	Lumber	27 E. Third st.
3905	Townley, Lewis L.		Wholesale Liquors	21 E. Third st.
3849	Townley, William E.		Coal Dealer	818 W. Sixth st.
3367	Trager, Isidore		Cigar Box Manufacturer	325 Sycamore st.
3816	*Tranter, Charles J.	Trounstone Bros. & Co.	Manufacturing Clothiers	Dayton, Ky.
2370	Trapp, John	The Tudor Boiler Mfg. Co.	Superintendent	12-16 W. Canal st.
1515	Trost, Samuel W.	The Tudor Boiler Mfg. Co.	Manufacturers of Steam Boilers	1-5 E. Third st.
3790	Trounstone, Samuel H.	Frank G. Tullidge & Co.	Hotel	133 Myrtle ave.
3297	Trum, August			716 E. Pearl st.
3925	Tudor, Clifford M.			716 E. Pearl st.
1744	Tudor, Hugh			17 E. Third st.
709	Tudor, O. H., <i>Cashier</i>			716 E. Pearl st.
3395	Tudor, Milton J.			129 & 131 W. Fourth st.
1370	Tullidge, Frank G.			Columbus, Ind.
3580	Tuohy, Joseph W.			
1	Urner, Henry C.	Little Miami R. R.	Secretary and Treasurer	First National Bank Building.
889	Van Cleef, C. M.	The Burnet House Co.	Grain Commission	42 Chamber of Commerce Bldg.
2800	Vandegrift, George A.	Pennsylvania Coal Co.	Treasurer	Burnet House, Third and Vine.
2609	Van Doren, J. B.	Delaware & Hudson Canal Co.	Agent	Fremont, Sandusky Co., O.
4084	Van Epps, John S.	J. Van Hart & Sons	Anthracite Coal (Sales Agent)	Cleveland, O.
3766	Van Hise, William A.		Teamsters and Tanbark Dealers	N. W. cor. Elm and Water sts.
1386	Van Horn, W. L.		Grain, etc.	West Chester, O.
1379	Van Horn, S. A.		Grain and Hay Commission	Lawrenceburg, Ind.
1770	Van Leunen, J. W.	Van Leunen & Co.	Hay, Grain and Flour	5 Chamber of Commerce Bldg.
771	Van Leunen, Peter	Van Leunen & Co.	Hay, Grain and Flour	5 Chamber of Commerce Bldg.

2743	Van Loon, Leon.....	.....The H. Van Nes Export Co.....	.....President.....	945 W. Court st.
958	Van Nes, Hans.....	.....The Varwig Manufacturing Co.....	.....Manfrs. Patent Beer Faucets, etc.....	31 Carlisle Building.
1464	Varwig, Henry.....	.....Henry Verhage Provision Co.....	.....Commission, Hay and Grain.....	715 & 717 W. Court st.
1004	Verhage, Henry.....	.....The J. H. Hermesch Co.....	.....Flour, Grain and Commission.....	1015 & 1017 Broadway.
763	Vieth, Frank.....	.....Goyert & Vogel.....	.....Pork Packers.....	114 E. Water st.
343	Vogel, Henry.....	.....Jacob Vogel & Son.....	.....Pork Packers.....	49 Walnut st.
1108	Vogel, Jacob, Sr.....	.....D. Hoppe & Co.....	.....Flour and Feed Mills.....	2804 Colerain ave.
1107	Vogel, Jacob, Jr.....	.....S. R. Voorhees & Co.....	.....Feed Store.....	31 Walnut st.
1283	Vonderhage, G. H.....	.....Voorhees, Miller & Co.....	.....Grain Commission.....	Queen City and Harrison aves.
3647	Von Holle, Joseph.....	.....August Vos & Co.....	.....Manufacturers of Clothing.....	1513 & 1515 Harrison ave.
2269	Von Holle, Theodore.....	.....H. W. Voss & Co.....	.....Stock, Bond and Note Brokers.....	50 Chamber of Commerce Bldg.
1866	Voorhees, S. R.....	.....German National Bank.....	.....Commission, Whisky.....	N. W. cor. Third and Race sts.
3444	Voorheis, Albert B.....	.....The Hazard Powder Co.....	.....Assistant Cashier.....	18 E. Third st.
2270	Vos, August.....	.....Lepper, Wade & Co.....	.....General Agent, Central States.....	N. E. cor. Pearl and Main sts.
2798	Voss, Henry W.....	.....C. P. Wagner & Co.....	.....Real Estate and Note Brokers.....	
		.....Queen City Oil Co.....	.....Oils.....	
		.....C. H. & D. R. Co.....	.....Traveling Freight Agent.....	
		.....Chesapeake & Ohio Ry. Co.....	.....Traffic Manager.....	
		.....James Walsh & Co.....	.....Real Estate.....	
		.....James Walsh & Co.....	.....Distillers.....	
		.....Walton Iron Co.....	.....Distillers.....	
		.....George W. Ward & Co.....	.....Architectural Iron Work.....	
		.....Paxton, Warrington & Boutet.....	.....Commission, Cordage, Sheetting, etc.....	
		.....Missouri Pacific Railroad.....	.....Superintendent of Parks.....	
		.....with J. W. Sibley & Co.....	.....Attorney at Law.....	
		.....Neff, Wasson & Co.....	.....Attorneys at Law.....	
		.....B. W. Wasson & Co.....	.....Transfer.....	
		.....Weatherhead & Co.....	.....Passenger Agent.....	
		.....Schmidt & Weber.....	.....Grain and Provisions.....	
		.....H. Weber & Co.....	.....Insurance.....	
			.....Commission, Grain.....	
			.....Manufacturer of Refrigerators.....	
			.....Druggists.....	
			.....Attorney at Law.....	
			.....Real Estate.....	
			.....Feed and Grain.....	
			.....Cumminsville, City.....	
3918	Wachs, William C.....	.....Walsh, Dennis F.....	.....United Bank Building.....	35 W. Pearl st.
3742	Waddell, Robert S.....	.....Walsh, Nicholas J.....	.....317 Vine st.....	
2485	Wade, Frank J.....	.....*Walton, Joseph.....	.....40 & 42 E. Third st.....	
3806	Wagner, Christopher P.....	.....Walton, J. F.....	.....123 E. Third st.....	
2454	Wagner, Henry.....	.....Ward, George W.....	.....49 Chamber of Commerce Bldg.....	
3323	Walker, Cliff S.....	.....Warder, R. H.....	.....S. W. cor. Sixth and Vine sts.....	
1749	Walker, W. P., Jr.....	.....Warner, A. M.....	.....35 & 36 Wiggins Block.....	
943	Wallace, James B.....	.....*Warner, L. E.....	.....833 Main st.....	
825	Walsh, Dennis F.....	.....Warrington, J. W.....	.....Cumminsville, City.....	
1887	Walsh, Nicholas J.....	.....Warth, Marcus.....		
2933	*Walton, Joseph.....	.....Warwick, Newton R.....		
2015	Walton, J. F.....	.....Washington, Marshall P.....		
1342	Ward, George W.....	.....Washington, W. H.....		
389	Warder, R. H.....	.....Wasson, A. M. L.....		
2673	Warner, A. M.....	.....Wasson, E. W.....		
1024	*Warner, L. E.....	.....Wayne, Joseph W.....		
1879	Warrington, J. W.....	.....Weatherhead, Robert H.....		
2273	Warth, Marcus.....	.....Webb, William F.....		
3100	Warwick, Newton R.....	.....Weber, Charles.....		
3628	Washington, Marshall P.....	.....*Weber, George.....		
278	Washington, W. H.....	.....Weber, Henry.....		
3263	Wasson, A. M. L.....			
621	Wasson, E. W.....			
2589	Wayne, Joseph W.....			
3594	Weatherhead, Robert H.....			
3812	Webb, William F.....			
2988	Weber, Charles.....			
2707	*Weber, George.....			
945	Weber, Henry.....			

\* Deceased.

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
3943	Weichselfelder, Philipp	with John Schneider, Son & Co.	Mill and Bakery	1422 & 1424 Walnut st.
3944	Weidler, Samuel W.	The Sam. W. Weidler Co.	Commission, Flour and Feed	642-646 Carr st.
3945	Weil, Edward F.	Western German Bank	Cashier	Twelfth and Vine sts.
4085	Weil, Isaac A.	Mook & Weil	Dealers in Horses and Mules	408 & 410 Bauer ave.
2929	Weil, Meyer	Weil, Cannon & Co.	Commission	106 E. Front st.
4126	Weil, Moe C.	S. N. Weil & Co.	Distillers and White Liquor Dealers	126 Sycamore st.
3001	Weil, Samuel, Jr.	Weil, Cannon & Co.	Commission	106 E. Front st.
3017	Weir, Fred C.	Weir Frog Co.	President	Front, Smith and Water sts.
2437	Weiskopf, Levi	Washington Insurance Co.	Liquors	223 E. Third st.
4004	Weiss, Edward F.	E. Weitkamp & Co.	Secretary	18 E. Third st.
3823	Weitkamp, Ernst	The J. Weller Co.	Commission, Produce and Grain	41 Walnut st.
866	Weller, Jacob	Cincinnati Tin and Japan Co.	Commission	S. E. cor. Vine and Water sts.
2050	Wells, H. B.	Samuel Wells & Co.	Tin Plate and Metals	S. E. cor. Sycamore and Canal.
948	Wells, Samuel	P. C. C. & St. L. Ry. Co.	Wholesale Feathers, Ginseng, etc.	211 & 213 Vine st.
.....	Welply, John W., <i>Contracting Agt.</i>	Cereal Distilling Co.		4 E. Fourth st.
4120	Wentzel, Charles H.	M. Werk & Co.	Soap and Candles	Lawrenceburg, Ind.
965	Werk, Casimer	The John Hauck Brewing Co.	Secretary	31 Main st.
2287	Werner, Fred J.	G. J. Weiss & Sons	Grain and Feed	Central ave. and Dayton st.
3612	Werner, Louis	Long & West	Live Stock Commission	173 York st.
3437	West, John G.	Germania Brewing Co.	Secretary and Treasurer	Winton Place, O.
1227	West, Robert H.	Germania Brewing Co.	President	Cincinnati Union Stock Yards.
987	Wetterer, Ferdinand J.	Whetstone, H. C.	Coal	2125 Central ave.
1040	Wetterer, John	Warren-Scharf Asphalt Paving Co.		2125 Central ave.
3044	Whetstone, H. C.	Kanawha Despatch		Columbia (Station C), City
1238	Whetstone, John L.	C. C. C. & St. L. Ry. Co.		Mt. Auburn, City
3984	Whinery, Samuel	Cin., Jackson & Mackinaw R. R.	Agent	61 Blymyer Building
4038	Whitaker, F. M.	D. A. White & Co.	Assistant General Freight Agent	Big Four Office Building
3586	White, Albert S.	Central R. R. and Banking Co. of Ga.	Commercial Agent	110 E. Fourth st.
3416	White, Burton R.	Fourth National Bank	Wholesale Grocers	123 E. Second st.
1163	White, David A.	The Whiteman-McNamara Tob. Co.	Commercial Agent	42 Carew Building
3958	White, Edward W.	H. S. Whitaker & Co.	Distiller	Paris, Ky.
1404	White, G. G.	Ault & Wiborg	Distillers' Agent	213 Sycamore st.
1816	White, John	Wilborg, Hanna & Co.	President	Third and Walnut sts.
1052	White, M. M., <i>President</i>	T. A. Widrig & Co.	Commission	Covington, Ky.
3038	Whiteman, William H.	George Wiedenmann Brewing Co.	Printing Inks, etc.	34 Chamber of Commerce Bldg.
2280	Whitaker, H. S.	with Herman Lackman Brewing Co.	Hardwood Lumber	Foot of New st.
1939	Wilborg, Frank B.	Wiggins & Kleinfelter	Flour, Feed and Grain	Gest st. and Dalton ave.
3231	Wilborg, H. P.		Bookkeeper	Newport, Ky.
677	Widrig, T. A.		Commission	823 W. Sixth st.
9671	Wiedemann, Charles			119 E. Front st.
2172	Wieman, B. R.			
2455	Wiggins, O. J.			
3427	Wiggins, T. P.			

472	Wilder, S. H.	.....	Attorney at Law.	67 & 68 Blymyer Building.
1826	Wilkmack, Henry	.....	Directory Publishers	90 Longworth st.
2278	Williams, A. V.	.....	Malsters	32 Morris st.
3772	Williams, C. Lee	.....	Commission	Hamilton, O.
1581	Williams, Israel	.....	Grain and Live Stock	42 Kenner st., Walnut Hills.
3693	Williams, Joseph P.	.....	President	Bethany, O.
632	Williamson, Augustine E.	.....	Clerk	Monroe, Butler Co., O.
3465	Williamson, Frank	.....	Miller and Banker	Newport, Ky.
140	Williamson, John A.	.....	President and General Manager	Newport, Ky.
3468	Williamson, Lawrence	.....	Wholesale Grocers	Osgood, Ind.
3331	Willson, William D.	.....	Wholesale Grocers	12 E. Third St.
3509	Wilshire, George P.	.....	Commissioner	Walnut Hills, City.
84	Wilshire, Joseph W.	.....	Paper Dealers	S. E. cor. Front and Vine sts.
750	Wilson, Benjamin C.	.....	Accountant	S. E. cor. Front and Vine sts.
749	Wilson, Charles E.	.....	Grain	A. Chamber of Commerce.
3484	Wilson, E. P.	.....	Superintendent	Plum and Liberty sts.
3508	Windsch, Charles F.	.....	Reporter	420-428 Main st.
4094	Wing, Charles B.	.....	President	118 & 120 E. Second st.
3875	Winnes, George W.	.....	Salesman	Sixth st. and C. H. & D. R. R.
1152	Winslow, A. S.	.....	Provision Broker	S. W. cor. Second and Vine sts.
1792	Winston, David A.	.....	Groceries, Feed, etc.	222 & 224 Public Landing.
4104	Winterbottom, William J.	.....	Commission	Chamber of Commerce.
1964	Wise, Robert W.	.....	Grain	Elghth and Broadway.
2661	Wisser, Gustav G.	.....	Coal	213 & 215 Sycamore st.
3555	Witt, George C.	.....	Coal	48 Chamber of Commerce Bldg.
1208	Wittekind, Abe.	.....	President	2163-2167 Central ave.
3970	Wooten, John	.....	Capitalist	N. W. cor. Front and Walnut sts.
1316	Wolf, Joseph H.	.....	Attorney at Law	San Bernardino, Cal.
11	Wolter, Henry	.....	Distillers	Court and Broadway.
2847	Wood, Adolph	.....	Physician	Pittsburgh, Pa.
254	Wood, Albert G.	.....	Physician	Pittsburgh, Pa.
3060	Wood, T. J.	.....	Attorney at Law	Carew Building.
3209	Wood, William J.	.....	Superintendent	347-351 W. Fourth st.
3132	Wood, William J.	.....	Superintendent	347-351 W. Fourth st.
3376	Woodford, M. D.	.....	Capitalist	Spring Hill, Va.
1470	Woods, John S.	.....	Capitalist	N. E. cor. Fourth and Race sts.
1469	Woods, William	.....	Capitalist	317 Pike st.
3894	Woolledge, Atherton M.	.....	United Bank Building	United Bank Building.
582	Woolscroft, John N.	.....	Freiberg & Workum	216-220 Public Landing.
476	Woolley, C. W.	.....	Freiberg & Workum	47 Ave. Henri Martin, Paris, Fr.
2467	Workum, David J., Jr.	.....	Ohio Valley National Bank	27 Wiggins Block.
1645	Workum, Ezekiel L.	.....		17 E. Third st.
2174	Workum, Jephthia L.	.....		
13	Worthington, L. N.	.....		
3609	Worthington, William	.....		
1058	Wright, Clifford B.	.....		

\* Deceased

## MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
853	Wright, F. A.	.....	Real Estate Broker.	Allen Bldg. Fifth and Main sts.
886	Wulfhange, Frank.	.....	Distiller.	Covington, Ky.
3286	Wulsin, Drausin.	.....	Attorney at Law.	25 Wiggins Block.
940	Wulsin, Lucien.	.....	Pianos and Organs.	142 & 144 W. Fourth st.
4106	Wunker, Henry.	.....	Feed and Coal.	Carthage, O.
1644	Wyle, Luke.	.....	.....	Bethany, O.
3451	Wyler, Louis.	.....	Wholesale Clothing.	9-13 W. Third st.
2568	Wymond, Randall J.	.....	.....	Aurora, Ind.
1722	Yergason, H. C.	.....	President.	S. E. cor. Third and Vine sts.
4088	Yost, John C.	.....	Wholesale Liquors.	317-321 Sycamore st.
446	Young, H. C.	.....	.....	Paris, France.
933	Youtsey, T. B.	.....	Cashier.	Newport, Ky.
2594	Zehler, George.	.....	Flour, Lard and Salt.	1705 Logan st.
3568	Ziegle, Louis E.	.....	President.	419 Elm st.
3141	Ziegler, Henry M.	.....	City Treasurer.	City Hall.
218	Zimmerman, Eugene.	.....	Vice-President.	Carew Building.
3517	Zumstein, Frank C.	.....	Clerk.	Post-office Building.
3119	Zumstein, John.	.....	Board of Supervisors.	Court House.
3677	Zwickel, Christian.	.....	Maltsters.	18-26 W. McMicken ave.

## HONORARY MEMBERS.

Names.	When Elected.
HENRY PROBASCO.....	1871
*MILES GREENWOOD.....	1873
DAVID SINTON.....	1875
†REUBEN R. SPRINGER.....	1876
‡JAMES F. TORRENCE.....	1877
§CHARLES W. WEST.....	1879
WILLIAM PROCTER.....	1880
°JOSEPH LONGWORTH.....	1881
JOHN SHERMAN.....	1883
**WILLIAM GLENN.....	1884
††GEORGE H. PENDLETON.....	1886
‡‡JOSEPH RAWSON.....	1887
HENRY C. UERNER.....	1888
§§SAMUEL F. COVINGTON.....	1889
JOHN A. GANO.....	1890
CHARLES DAVIS.....	1891
JOHN KENNETT.....	1892
RICHARD SMITH.....	1893
JULIUS FREIBERG.....	1894
A. E. ARMSTRONG.....	1895
DAVID GIBSON.....	1895

\* Died November 6, 1885.

† Died December 10, 1884.

‡ Died September 28, 1887.

§ Died September 21, 1884.

|| Died April 4, 1884.

° Died December 30, 1883.

\*\* Died July 17, 1887.

†† Died November 24, 1889.

‡‡ Died November 15, 1891.

§§ Died December 26, 1889.

## In Memoriam.

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CHARLES J. TRANTER,	. . .	Aged 44.	Died January 7, 1895
FRANK REYNOLDS,	. . .	" 35.	" January 10, 1895
J. H. KUSHMAN,	. . .	" 35.	" January 21, 1895
JOHN BEECHING,	. . .	" 75.	" February 9, 1895
H. T. BENEKING,	. . .	" 54.	" February 14, 1895
MICHAEL CLEMENTS,	. . .	" 61.	" February 15, 1895
GEORGE DEUBEL,	. . .	" 39.	" March 5, 1895
A. J. COOK,	. . .	" 65.	" March 10, 1895
JOHN E. BELL,	. . .	" 64.	" March 25, 1895
JOHN W. CARR,	. . .	" 78.	" March 27, 1895
A. C. CONKLIN,	. . .	" 49.	" April 2, 1895
WILLIAM F. RYAN,	. . .	" 50.	" April 15, 1895
H. F. HECKERT,	. . .	" 66.	" April 28, 1895
CONRAD SCHULTZ,	. . .	" 82.	" June 14, 1895
CHAPMAN JOHNSON,	. . .	" 47.	" June 26, 1895
CHARLES S. BETTS,	. . .	" 76.	" June 28, 1895
HENRY J. GROSSIUS,	. . .	" 29.	" July 4, 1895
MATTHEW HART,	. . .	" 80.	" July 14, 1895
S. C. DAWES,	. . .	" 55.	" August 9, 1895
PETER ANDREW,	. . .	" 82.	" August 12, 1895
A. B. CHAMPION,	. . .	" 53.	" September 1, 1895
GEORGE H. ROVER,	. . .	" 50.	" September 2, 1895
M. E. KUHN,	. . .	" 56.	" September 11, 1895
ROYAL C. HART,	. . .	" 34.	" October 3, 1895
THOMAS SHERLOCK,	. . .	" 79.	" October 14, 1895
BERNARD GROTE,	. . .	" 67.	" October 20, 1895
GEORGE W. NEARE,	. . .	" 72.	" October 24, 1895
SAMUEL FIRST,	. . .	" 70.	" December 13, 1895
BERNARD KUHLMANN,	. . .	" 51.	" December 18, 1895
JOHN A. SLATTERY,	. . .	" 48.	" December 23, 1895
WILLIAM F. THORNE,	. . .	" 73.	" December 25, 1895
GEORGE FOX,	. . .	" 70.	" December 27, 1895



## MEMORIAL REPORTS

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The following reports of Committees of the Cincinnati Chamber of Commerce appointed to prepare memorial papers on the death of members, were adopted by the Association in general session, and are printed by order of the Board of Directors:

J. H. KUSHMAN. DIED JANUARY 21, 1895.

JOHN HENRY KUSHMAN, a member of the Cincinnati Chamber of Commerce, after a short illness died at his residence in this city, on Monday evening, January 21, 1895. He was born in Cincinnati, January 16, 1860, and from boyhood was identified with the business interests of this city, beginning at fourteen years of age as a clerk in the establishment of Mr. Fred. Kushman, his uncle, and remaining in that position until eight years thereafter, when he, with others, formed a partnership under the firm name of Kushman, Wiggins & Co., for the transaction of a commission business, which has continued to the present time. Mr. KUSHMAN was thus identified with Cincinnati during its passage from a provincial to a metropolitan city to the creation of which every enterprising, aggressive business organization, such as he conducted, contributed a full share. He, while eminently successful, was not a man who courted or desired conspicuousness. He was content with the satisfaction which comes from the honorable and active prosecution of a business which brought him a remunerative return, and which contributed in no small degree, to the trade of a great city, leaving to others the distinction of wearing public laurels between which and him there remained but one barrier, namely, his own consent. Though making no pretensions to righteousness, he was the expression of one of its fundamental principles, for he literally preferred others to himself. Honorable and capable as a business man; agreeable and genial in an eminent degree, as a member of society; honest and pronounced in his political convictions which were well known; generous and loyal to his friends; and universally respected by his colleagues in business, he deserved the successes which he achieved, and died, leaving in his brief career of active manhood, a record which may well demand a place in the archives of this institution.

Mr. KUSHMAN left no children to mourn his loss, but a wife survives him, and to her in the anguish of an unspeakable grief, and in the shadow of an irreparable loss, this Association tenders its profound sympathy.

LUTHER PARKER,  
JOHN CURREN,  
MEYER WEIL,  
F. DELSIGNORE,  
ALBERT B. BAIRD, } *Committee.*

JOHN BEECHING. DIED FEBRUARY 9, 1895.

JOHN BEECHING was born at Brighton, England, on the 11th day of December, in the year 1820. When seventeen years of age he emigrated to this country and lived with his uncle in

the State of Kentucky for a short time. He worked at farming near Lebanon, Ohio, and in the year 1839, he journeyed on foot to this city, where he spent the remainder of his life. Finding employment as a gardner with Mr. Watson, who then owned a large garden at George and Mound streets, at this he worked for a few years, and for a while at the business of draying. Having considerable clerical ability, he finally found employment as a clerk with R. Bartlett & Co., then on the corner of Front and Walnut streets, and by hard work and frugality he saved enough to enable him to embark in the commission business, entering into partnership with Henry Lahmann in 1864, forming the firm of Lahmann & Beeching, which continued until Mr. BEECHING's death. Such was the absolute confidence each member of the firm had in the integrity of the other, that when Mr. BEECHING was disabled several years ago he left the entire management of the business affairs of the firm to Mr. Lahmann, taking no active part himself, and most faithfully did Mr. Lahmann fulfill the trust reposed in him. Mr. BEECHING married Miss Emma Gill in 1848, and his wife, two sons and three daughters survive him.

JOHN BEECHING was an upright honorable man of the old school of Cincinnati merchants, his word was as good as his bond; and for honorable dealing throughout a long and useful life filled with noble and charitable deeds, he leaves a most enviable record. He was for many years a member of our Chamber of Commerce, and in his quiet and unostentatious way he made hosts of friends. Few of our members who have recently passed away, will be more keenly regretted than Mr. BEECHING.

ALBERT B. BAIRD,	} Committee.
F. KUSHMAN,	
GEO. H. VONDERAHE,	
HERMAN H. BERGHEGGER,	
LUTHER PARKER,	

#### JOHN E. BELL. DIED MARCH 25, 1895.

JOHN EDWIN BELL was born in Philadelphia, August 26, 1831, and was brought to Cincinnati during the first year of his life, having, with his parents, floated down the Ohio in a keelboat. His ancestry was Scotch-Irish, and throughout his life he exhibited the traits of that strong and thrifty stock. His father died when he was but seven years old, and from that time forward he was left without assistance other than that derived from the advice of his faithful mother, whose words and example he revered and followed to the very end.

Commencing his business life as an errand boy in an office on the Public Landing, he worked his way upward, until, at the age of twenty, he was a clerk in the office of the County Auditor. While there he was elected Assessor of the Ninth Ward. Continuing in the Auditor's office as clerk and deputy, at the fall election of 1862 he was elected Auditor, and served out his term, ending in the year 1865. During that period he was also active and efficient in the support of the Union cause, and the prosecution of the war, by soliciting and forwarding supplies, assisting the families of absent soldiers, visiting the battlefields of Ft. Donelson and Shiloh, fitting up hospitals and recruiting men for the army,

He was one of the Board of Trustees which completed and furnished the City Workhouse. In that position he served for eight years without compensation. In 1876 he was elected a member of the Board of Public Works, the principal administrative board of the city, and the period of his service is generally regarded as a time when we had an exceptionally honest and efficient city government. In 1884 Mr. BELL was, by the Superior Court, appointed a Trustee of the Sinking Fund of the city, a position which he held for some ten years, and gave up to accept a Trusteeship of the Southern Railroad, a position which he held at the time of his death.

Mr. BELL was an enthusiastic member of the order of Odd Fellows, and attained the highest rank in it. In 1872 he became Grand Master of the Grand Lodge of Ohio, and after-

ward representative from the Grand Lodge of Ohio to the Grand Lodge of the United States. At the time of his death he was President of the Odd Fellows' Temple Company. He was also a devoted Mason, in which order he attained the thirty-third degree, and was made Sovereign Grand Inspector General. He was at different times President of the Board of Directors of the Pulte Medical College, one of the founders and a Trustee of the Cuvier Club, a Director of the Eureka Insurance Company and of the Mt. Adams and Eden Park Inclined Railway Company. He died at his residence, corner of McMillan Street and Bell Place, in this city, March 25, 1895.

During his young manhood Mr. BELL was happily married to Caroline Virginia Terry, with whom he led an ideal domestic life to the end of his days. With their son, Charles Walter, and daughter, Mrs. R. M. Bishop, she survives him, and all of them are amply provided for, by reason of the industry and remarkable business sagacity of the deceased husband and father. His widow and children may take a just pride in the handsome fortune which he has left to them, for none of it was obtained by any disregard of or infringement upon the rights of others.

One of Mr. BELL's most prominent traits was his kindly feeling toward all mankind. No one ever approached him with a tale of distress, no workman seeking employment ever asked his aid without receiving a sympathetic hearing and friendly advice or assistance. How he found time to listen to so many people and transact so much business was always a mystery to his friends, yet it never seemed to fatigue him, but on the contrary he took great pleasure in it. He did much good work in connection with the organization and management of public charities, but his private benefactions were far greater and known to but few.

The foregoing brief mention of some of the facts of Mr. BELL's life may serve to convey an idea of his activity and usefulness; but it will be difficult indeed for his friends to convey to those who knew him not any adequate impression of the real man. Only those who felt the cheerful inspiration of his presence can appreciate what it was. On the floor of this Chamber he was always welcome. His hearty laugh and cordial grasp were infectious. The genial repartee in which he was fond of indulging was without the slightest tinge of bitterness. His affectionate disposition and great sympathy for those in trouble or suffering endeared him to all. His fondness for Cincinnati made him eager to assist in everything tending toward her prosperity, and in connection with such matters he was a valuable member of this body. He was in the front rank of the men who have helped to build up our city.

Your Committee feel that it is difficult to express in words the keen regret felt by the members of this body for the passing away of JOHN E. BELL, yet as it is only fitting that some expression should be given, they recommend that the following resolutions be adopted:

*Resolved*, That we, the members of the Cincinnati Chamber of Commerce, do here and now record the profound regret and sorrow felt by us for the death of JOHN E. BELL, and respectfully tender to his family our sympathy for their great loss.

*Resolved*, That the Secretary be and he is hereby directed to cause the foregoing memorial and these resolutions to be spread upon the minutes and a copy thereof to be sent to the family of the deceased.

H. D. PECK,	} Committee.
F. A. WRIGHT,	
GEORGE FISHER,	
J. D. PARKER,	
JAS. E. MOONEY,	

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JOHN W. CARR. DIED MARCH 27, 1895.

JOHN WICKARD CARR, familiarly known as "Uncle John," one of the oldest and most respected members of the Chamber, after a long and honest business career, retired some two

years ago on account of age and failing health. The past two years of heroic struggle for life have been crowned with peace and love, that was characteristic through so many years and continued until he was finally called to rest.

In remembrance of his many virtues, we of his friends who have for so many years mingled with him in the daily routine of business, present the following brief memoir and resolutions in honor of his memory.

JOHN WICKARD CARR was born in Hanover Township, near Hamilton, on March 6, 1817. He spent his early days on his father's farm, and gained his education as most farmer boys did in those days. He followed the life of a farmer, in which pursuit he was very successful and amassed considerable property. Early in the sixties, however, he tired of agricultural pursuits, and purchased the Peoples' Flouring Mills at Hamilton. In connection with the mills he also opened a commission house in Cincinnati. After a few years he sold out his interest in the flouring mills and devoted himself exclusively to the commission business, making daily trips to Cincinnati for a quarter of a century. His presence and his birthday celebrations have a history on the floor of the Chamber.

Mr. CARR was a man of remarkable ambition and perseverance, and his determination to excel was apparent in everything that he undertook, as in religion, business and politics he stood at the head.

*Resolved*, That in the death of JOHN WICKARD CARR, this Association has lost one of its most valued and honored members. It is furthermore

*Resolved*, That the sympathy of the members of this Chamber be extended to his bereaved family, and that these resolutions be spread on the records of the Chamber, and a copy furnished to the family of the deceased.

THOMAS W. ALLEN,	} <i>Committee.</i>
ADAM SMYRL,	
M. KNAUL,	
M. R. CONEY,	
HENRY W. BROWN,	

#### HENRY J. GROSSIUS. DIED JULY 4, 1895.

HENRY JOHN GROSSIUS was born in Cincinnati, Ohio, June 30, 1866, and died July 4, 1895, in the city of Philadelphia, Pa.

He was the second son of John Grossius, who established the business of manufacturing furnaces, to which his four sons succeeded under the firm name of John Grossius Sons, and at the time of his death was senior member of the firm.

He was given the best education the Cincinnati public schools offered, and at the age of seventeen years entered the above named firm. He was an active member of the Church of the Advent of Walnut Hills, a Mason, a member of the Cincinnati Chamber of Commerce and of the Builders' Exchange.

He was married April 21, 1891, to Miss Amelia Goodman, daughter of Mr. W. A. Goodman, who with two children survive him.

As a business man he was honored and respected by all with whom he came in contact through business associations. He was very domestic in his habits, even as a boy he was a devoted son and brother, preferring home associations to what is termed society, and after marriage his life was that of a true husband and loving father. His home was a happy one where his friends were always received with a cordial welcome. He was always happiest in his home, devoted to his family, true to his friends, and those that were nearest and dearest to him may well say :

"The dusky strand inwoven her  
With dear loves tie, makes love itself now dear."

It is the desire of your Committee that these minutes be made a matter of record in the books of the Chamber and that a copy be sent to the widow and mother of the deceased, carrying with it an expression of sympathy and such comfort as human words can convey.

W. McCallister, Chas. F. Barrett, James B. Wallace, Albert McCullough, W. W. Granger, Jr.,	}	Committee.
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PETER ANDREW. DIED AUGUST 12, 1895.

PETER ANDREW passed by twelve years the allotted period of three score years and ten, having died in his eighty-second year. Neither were the extra years a period of pain or disability, for almost up to the close of his life he was in the business harness with a clear intellect and a force of character that for purity and integrity marked him as a notable example of exalted mercantile honor and efficiency. It is only this example of a pure and successful life that remains to the business community to his immediate associates and to his family. The works that he performed so well and so successfully will thus live after him and be useful to the present and coming generations whose aim shall be to discharge well and faithfully the duties that may be allotted to them in life.

This Chamber of Commerce had its real beginning as a business institution in 1844 when it was reorganized. Mr. ANDREW was among its members at that time and continued on its roll to the close of his life, thus being connected with it over half a century. He outlived nearly all those who were fellow members at that period, but he never outlived his usefulness. As a merchant he was always—and by everybody who had business with him—highly esteemed and his word or his honor were never questioned. No higher tribute than this can be bestowed upon any active business man who lived through periods of business prosperity and business depression. He was a quiet man, always kind and constantly aiming to do unto others as he would have them do unto himself.

Much more might be said of him but this is sufficient for the purpose of this record.

RICHARD SMITH, E. F. FULLER, M. KNAUL, A. E. ARMSTRONG, GROVE J. PENNEY,	}	Committee.
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GEORGE H. ROVER. DIED SEPTEMBER 2, 1895.

The deceased came to this country in 1866 from Germany, and at the time of his death was fifty years of age. At the beginning of his career here he was in the service of an uncle engaged in the general commission business. Subsequently he was connected with the Ohio and Mississippi Elevator, and later with the Advance Elevator, and finally for himself in the grain business, with which he had an active identity from the time of his coming to this city. He was married in 1868 and seven of his eight children survive him, as also his widow. The intelligence and enterprise of the deceased won for him the recognition and respect of his

business acquaintances and in his death in the prime of life and height of his influence for usefulness the Chamber of Commerce and this community suffer a severe loss.

*Resolved*, By the Chamber of Commerce, that the sympathy of its members is hereby extended to the family of our late member, GEORGE H. ROVER, in their deep bereavement.

*Resolved*, That a copy of this action by the Chamber be placed on its records, and also transmitted to the family of the deceased.

ANTHONY SCHMITT,	} Committee.
WILLIAM KLEIN,	
GEORGE C. SCHNEIDER,	
PETER VAN LEUNEN,	
SAM. W. WEIDLER,	

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BERNARD GROTE. DIED OCTOBER 20, 1895.

BERNARD GROTE was born in Kirchspiel, Oldenburg, Germany, in 1828, and died in Cincinnati, Ohio, October 20, 1895.

He came to this city in 1848 where he continued to reside. He married in 1860 and buried his wife five years ago. Seven children, two sons and five daughters, survive him. By frugality he secured a fair competency, thus leaving his family in comfortable circumstances.

WHEREAS, In view of the loss we have sustained by the decease of our friend and associate, BERNARD GROTE, and of the still heavier loss sustained by those who were nearest and dearest to him; therefore, be it

*Resolved*, That it is but a just tribute to the memory of the departed, to say, that in regretting his removal from our midst, we mourn for one who was in every way worthy of our respect and regard.

*Resolved*, That we sincerely condole with the family of the deceased on the dispensation with which it has pleased Divine Providence to afflict them, and commend them for consolation to Him who orders all things for the best, and whose chastisements are meant in mercy.

*Resolved*, That this heartfelt testimonial of our sympathy and sorrow be forwarded to the family of our departed friend by the Secretary of this body.

C. S. MAGUIRE,	} Committee.
PETER VAN LEUNEN,	
HENRY ROTERT,	
WM. SCHEPERS,	
HENRY J. GOOD,	

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GEORGE W. NEARE. DIED OCTOBER 24, 1895.

GEORGE W. NEARE was born in Oswego County, New York, May 15, 1824, and died in Cincinnati, Ohio, October 24, 1895.

His youth and early manhood days were spent in Cattaraugus County, New York, where for several years he taught school. At about the age of eighteen years he left the parental roof and went to Pittsburgh, and thence to Cincinnati, where his career as a steamboat man was soon afterward commenced.

He continued upon the river successfully and successively as clerk and Commander until after the close of the Civil War, and then engaged in the Fire and Marine Insurance business in Cincinnati, in which he remained up to the time of his death.

He was of sound and remarkably correct judgment, conservative and just in business methods, genial, sympathetic and kind in disposition, generous and charitable, liberal in principle and of unchallenged integrity.

*Resolved*, That this report be spread upon the minutes of the Chamber of Commerce, and a copy be sent to the family of the deceased.

PARIS C. BROWN, GAZZAM GANO, S. W. BARD, ROBERT W. WISE, C. M. HOLLOWAY, J. D. PARKER, VAL. P. COLLINS,	}	<i>Committee.</i>
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JOHN A. SLATTERY. DIED DECEMBER 23, 1895.

JOHN AMBROSE SLATTERY, the subject of our present sorrowful consideration, in his last moments was not surrounded by the loving ones of his home circle, or watched by the tender care of a devoted wife, but in the midst of bright anticipations of a Merry Christmas :

"Low was the message that called him away  
Swift as the thought of a child in its play."

His life went out and his earthly work was done. He was born in Montreal, Canada, January 5, 1847, and was accidentally killed December 23, 1895. While yet a child his parents moved to Vermont, where he resided a number of years. Leaving the public schools before he was sixteen years old he enlisted in the First Regiment New York Volunteer Engineers, and served to the close of the war. At the conclusion of the war he was appointed chief clerk of the Internal Revenue Office of the 15th District of Ohio; and May 5, 1876, he was married to Miss Lena De Steiguer, of Athens, Ohio, who with one son and daughter survive him. In 1879 he moved to Cincinnati where he has since resided.

He early became prominent in social and political affairs, taking a keen interest in all matters of public importance. He was an able attorney, alert and diligent, always faithful and true to the interest of his client, and was twice nominated by his party for a Judge of Hamilton County Common Pleas, and in the canvas following although unsuccessful, he made many friends among his opponents by the fair and honorable conduct of his campaign.

As a Mason he filled several important official stations with credit. As a father he was patient, affectionate and kind, mindful of his responsibilities, and watchful of the interests and success of his children, and as a husband he was gentle, tender, devoted and faithful. He abhorred pretense, had little patience with conceit, and a scorn for idlers. He was a kind and sympathetic neighbor and friend, and most respected and esteemed by those who knew him best.

*Resolved*, That the sympathy of this Chamber be extended to the bereaved family, and that a copy of this memorial be sent to the wife of the deceased and spread on the minutes of the Chamber.

J. B. WALLACE, C. H. STEPHENS, LEVI C. GOODALE, R. J. H. ARCHIBALE, W. F. BOYD,	}	<i>Committee.</i>
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# CALENDARS FOR FOUR YEARS.

1894	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1894	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1895	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1895	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.
Jan.	1	2	3	4	5	6		July	1	2	3	4	5	6	7	Jan.	6	7	8	9	10	11	12	July	1	2	3	4	5	6	7
7	8	9	10	11	12	13		8	9	10	11	12	13	14	15	13	14	15	16	17	18	19	12	7	8	9	10	11	12	13	
14	15	16	17	18	19	20		15	16	17	18	19	20	21	22	20	21	22	23	24	25	26	14	15	16	17	18	19	20	21	
21	22	23	24	25	26	27		22	23	24	25	26	27	28	29	27	28	29	30	31			21	22	23	24	25	26	27	28	
28	29	30	31					29	30	31						30	31						28	29	30	31					
Feb.	4	5	6	7	8	9	10	Aug.	5	6	7	8	9	10	11	Feb.	3	4	5	6	7	8	9	Aug.	4	5	6	7	8	9	10
11	12	13	14	15	16	17		12	13	14	15	16	17	18	19	10	11	12	13	14	15	16	11	12	13	14	15	16	17	18	
18	19	20	21	22	23	24		19	20	21	22	23	24	25	26	17	18	19	20	21	22	23	18	19	20	21	22	23	24	25	
25	26	27	28	29	30			26	27	28	29	30	31			24	25	26	27	28	29		25	26	27	28	29	30	31		
Mar.	4	5	6	7	8	9	10	Sept.	2	3	4	5	6	7	8	Mar.	3	4	5	6	7	8	9	Sept.	1	2	3	4	5	6	7
11	12	13	14	15	16	17		9	10	11	12	13	14	15	16	10	11	12	13	14	15	16	8	9	10	11	12	13	14	15	
18	19	20	21	22	23	24		16	17	18	19	20	21	22	23	17	18	19	20	21	22	23	18	19	20	21	22	23	24	25	
25	26	27	28	29	30	31		23	24	25	26	27	28	29		24	25	26	27	28	29	30	29	30							
April	1	2	3	4	5	6	7	Oct.	1	2	3	4	5	6		April	1	2	3	4	5	6		Oct.	1	2	3	4	5	6	7
8	9	10	11	12	13	14		7	8	9	10	11	12	13		7	8	9	10	11	12	13	6	7	8	9	10	11	12	13	
15	16	17	18	19	20	21		14	15	16	17	18	19	20	21	14	15	16	17	18	19	20	13	14	15	16	17	18	19	20	
22	23	24	25	26	27	28		21	22	23	24	25	26	27	28	21	22	23	24	25	26	27	20	21	22	23	24	25	26	27	
29	30							28	29	30	31					28	29	30					27	28	29	30	31				
May	6	7	8	9	10	11	12	Nov.	4	5	6	7	8	9	10	May	5	6	7	8	9	10	11	Nov.	3	4	5	6	7	8	9
13	14	15	16	17	18	19		11	12	13	14	15	16	17	18	12	13	14	15	16	17	18	10	11	12	13	14	15	16	17	
20	21	22	23	24	25	26		18	19	20	21	22	23	24	25	19	20	21	22	23	24	25	17	18	19	20	21	22	23	24	
27	28	29	30	31				25	26	27	28	29	30			26	27	28	29	30	31		24	25	26	27	28	29	30	31	
June	3	4	5	6	7	8	9	Dec.	2	3	4	5	6	7	8	June	2	3	4	5	6	7	8	Dec.	1	2	3	4	5	6	7
10	11	12	13	14	15	16		9	10	11	12	13	14	15		9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	
17	18	19	20	21	22	23		16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	15	16	17	18	19	20	21	22	
24	25	26	27	28	29	30		23	24	25	26	27	28	29		23	24	25	26	27	28	29	22	23	24	25	26	27	28	29	
								30	31							30							29	30	31						

1896	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1896	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1897	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1897	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.
Jan.	5	6	7	8	9	10	11	July	5	6	7	8	9	10	11	Jan.	3	4	5	6	7	8	9	July	4	5	6	7	8	9	10
12	13	14	15	16	17	18		12	13	14	15	16	17	18		10	11	12	13	14	15	16	11	12	13	14	15	16	17	18	
19	20	21	22	23	24	25		19	20	21	22	23	24	25		17	18	19	20	21	22	23	18	19	20	21	22	23	24	25	
26	27	28	29	30	31			26	27	28	29	30	31		24	25	26	27	28	29	30		25	26	27	28	29	30	31		
Feb.	9	10	11	12	13	14	15	Aug.	2	3	4	5	6	7	8	Feb.	7	8	9	10	11	12	13	Aug.	8	9	10	11	12	13	14
16	17	18	19	20	21	22		9	10	11	12	13	14	15		14	15	16	17	18	19	20	15	16	17	18	19	20	21	22	
23	24	25	26	27	28	29		16	17	18	19	20	21	22		21	22	23	24	25	26	27	22	23	24	25	26	27	28	29	
Mar.	1	2	3	4	5	6	7	Sept.	30	31					30	Mar.	1	2	3	4	5	6	Sept.	1	2	3	4	5	6	7	
8	9	10	11	12	13	14		7	8	9	10	11	12			7	8	9	10	11	12	13	5	6	7	8	9	10	11	12	
15	16	17	18	19	20	21		13	14	15	16	17	18	19		14	15	16	17	18	19	20	12	13	14	15	16	17	18	19	
22	23	24	25	26	27	28		20	21	22	23	24	25	26		21	22	23	24	25	26	27	19	20	21	22	23	24	25	26	
29	30	31						27	28	29	30					28	29	30	31				26	27	28	29	30				
April	5	6	7	8	9	10	11	Oct.	4	5	6	7	8	9	10	April	4	5	6	7	8	9	10	Oct.	3	4	5	6	7	8	9
12	13	14	15	16	17	18		11	12	13	14	15	16	17		11	12	13	14	15	16	17	11	12	13	14	15	16	17	18	
19	20	21	22	23	24	25		18	19	20	21	22	23	24		18	19	20	21	22	23	24	17	18	19	20	21	22	23	24	
26	27	28	29	30				25	26	27	28	29	30			25	26	27	28	29	30		24	25	26	27	28	29	30	31	
May	3	4	5	6	7	8	9	Nov.	1	2	3	4	5	6	7	May	2	3	4	5	6	7	8	Nov.	7	8	9	10	11	12	13
10	11	12	13	14	15	16		8	9	10	11	12	13	14		9	10	11	12	13	14	15	14	15	16	17	18	19	20	21	
17	18	19	20	21	22	23		15	16	17	18	19	20	21		16	17	18	19	20	21	22	21	22	23	24	25	26	27	28	
24	25	26	27	28	29	30		22	23	24	25	26	27	28		23	24	25	26	27	28	29	28	29	30						
31								29	30							30	31						31								
June	1	2	3	4	5	6	7	Dec.	1	2	3	4	5	6		June	6	7	8	9	10	11	12	Dec.	5	6	7	8	9	10	11
8	9	10	11	12	13			6	7	8	9	10	11	12		6	7	8	9	10	11	12	12	13	14	15	16	17	18	19	20
14	15	16	17	18	19	20		13	14	15	16	17	18	19		13	14	15	16	17	18	19	19	20	21	22	23	24	25	26	27
21	22	23	24	25	26	27		20	21	22	23	24	25	26		20	21	22	23	24	25	26	27	28	29	30					
28	29	30						27	28	29	30	31				27	28	29	30				26	27	28	29	30	31			













